

**2025 CATALOGUE**  
**Flexible connections**  
**& valves**

Connection system

Hoses  
& Valves



01. Intro

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With a strong global presence, the Tucaí Group operates three manufacturing plants and five strategically located warehouses, ensuring seamless supply and distribution. Thanks to our valued partners, our products are available at

over 4,000 points of sale across 70 countries, guaranteeing a permanent global stock for fast and reliable delivery to installers.



As a global company, Tucaí products are exported to more than 100 countries, including DIY stores, hardware stores, professional installation

channels and construction and remodeling projects. This requires us to certify the product portfolio according to the needs of each country.



The 2025 catalogue is packed with exciting new features! One of the most significant updates is the integration of our entire product range—flexible hoses and valves—into a single, comprehensive catalogue. This streamlined approach ensures we can fully meet the evolving needs of our industry.

easier than ever to find the right product quickly. In addition to a fresh design, we've enhanced the catalogue's content and resources. You'll find a dedicated section on our latest innovations, as well as in-depth product features that highlight key benefits and advantages.

As part of our brand evolution:

- TMM is now the official brand for our valve range.
- TAQ represents our water hoses.
- Presinox is the trusted brand for gas hoses.

**We hope this new catalogue becomes an essential tool in your daily work—making your selection process simpler, faster, and more efficient.**

Beyond expanding our product offerings, we have completely revamped the catalogue's design to reflect a cleaner, more modern look—one that highlights how our products seamlessly integrate into daily life. We have also reorganized the product layout by type and application, with dedicated tabs for each category, making it





Leadership at Your Service



Leadership at Your Service

At Tucai, leadership is about delivering excellence. With a global team of over 600 professionals, we design, develop, and manufacture high-quality, reliable, and competitively priced valves and flexible connection systems—tailored to meet your needs. Service and innovation are deeply embedded in our DNA, driving us to create market-leading solutions. Our catalogue features over 2,000 product references, offering cutting-edge designs that prioritize hygiene, sustainability, and flexibility. We continuously develop more functional, easy-to-install products, making installers’ work simpler and more efficient. We are here to assist you—whether you need product guidance, technical support, or expert recommendations.

Our Mission: Excellence Through Innovation

At Tucai, our goal is clear: to be the global leader in providing the best solutions for our industry. By focusing on innovation and outstanding service, and with the support of our partners, we strive to be the preferred brand for installers and OEM manufacturers worldwide.

We are guided by our vision:

“A World where everybody everywhere is connected safely to drinking water”.

We are committed to building a sustainable future, ensuring universal access to safe drinking water while contributing to a healthier planet.

Lorenzo Piera  
CEO  
Group Tucai

People make the difference. I am proud to lead a team that is fully committed to Tucai’s vision and mission. Our shared values define who we are and how we operate. At Tucai, our actions are shaped by five core values:



**Honesty**  
We build relationships based on trust, transparency, and integrity.



**Reliability**  
We are dedicated to delivering quality and creating long-term value.



**Experience**  
We innovate to improve installers’ lives.



**Commitment**  
A diverse, multicultural team fostering equal opportunities.



**Responsibility**  
We take ownership of our impact and continuously strive for excellence.



### A Product for Every Need

- Over 1,000 flexible hose references and more than 800 valve options—ensuring the right solution for every application.
- We design specialized products for a wide range of uses. If you don't find exactly what you need, our team is ready to develop a custom solution tailored to your specifications.

### Driving Innovation & Product Development

- Our customers and installers are at the heart of our innovation process. Their feedback shapes the development of new products and ensures we meet evolving market demands.
- With state-of-the-art laboratories in Spain, Bulgaria, and China, we continuously test, refine, and push the limits of our products to enhance performance and durability.
- Our R&D team collaborates with leading research centers to develop next-generation materials, optimizing quality, performance, and cost-efficiency.

### Support and Training

- Our dedicated promoters are here to train your sales teams and counter staff, ensuring they are equipped with the knowledge to excel.
- We also offer support and training stands for installers at points of sale. If you're interested, don't hesitate to reach out—we'd be delighted to assist.

### Strengthening Point-of-Sale Awareness

- Tucai is the go-to brand for installers. We are committed to helping you enhance your point-of-sale visibility by implementing strategic product displays featuring high-demand items, clearly categorized by application.
- We offer a range of exhibitors, displays, and signage to effectively promote the products that matter most to your business.

### More Sustainability

- We are increasingly using recyclable materials in our packaging and have committed to eliminating single-use packaging altogether.
- By integrating new materials, we are significantly reducing our carbon footprint.
- At the industrial level, we're taking steps to improve energy efficiency: installing photovoltaic panels, setting up electric chargers, and insulating warehouses to minimize energy consumption and enhance working conditions.

### Quality and Traceability

- Our products are approved by leading manufacturers in the industry and meet the rigorous standards of the world's most demanding countries.
- With our advanced traceability system, we can track products from raw materials to customer delivery, ensuring quality at every stage.



# Premium Range

## Color, Design, and Distinction to Elevate Your Space



Introducing the Premium Range, a collection of flexible hoses and valves designed to reflect the latest trends in bathroom and kitchen design. This range meets the needs of both interior designers and end users, offering products that are not only functional but visually striking.

The Premium Range is a testament to our company’s evolution towards innovation and product differentiation. Developed entirely in-house, this range represents the combined expertise of over 600 professionals across our subsidiaries in Barcelona, China, and Bulgaria. The collective effort of our team has led to the success of this range—our first consumer-focused product.

What was once a functional product now takes center stage in the design of bathrooms and kitchens. With Premium, hoses, pipes, and valves transform into design elements, adding a stylish touch to any space.

The Premium Range includes:

- TAQ Premium DN8 hoses in white and black braiding options.
- Premium C-850 PN16 angle valves with 8 finishes, designed to complement various décor styles (rustic, minimalist, industrial, classic, and more).
- A shower hose and bidet shattaf versions, each available in different finishes.



Anti-corrosion



Easy to install



Maintenance-free



Optimal for drinking water



Video Premium Range



Metal handle



Anti-leak



Anti-limescale



Pe-rt extreme flexibility



Antibacterial



No kinking



### Not Just About Aesthetics

The Premium Range doesn't just focus on design—it's engineered for exceptional functionality. Crafted with anti-corrosion properties and PE-RT (High Temperature Resistant Polyethylene) hoses, these products are antibacterial, extremely flexible, and easy to install in tight spaces.

Tucai's Premium Range brings innovation and accessible luxury to users and professionals alike, offering solutions for WC, shower, sinks, and taps that stand out in today's market. It combines modern aesthetics with exceptional durability, setting a new standard in the industry.



# The C-511 Ball Valve

## The Best Performing Ball Valve on the Market

Introducing the C-511, an innovative and versatile ball valve that sets a new standard in performance. This product is an advanced version of the C-501, engineered to deliver superior results in a wide range of applications.

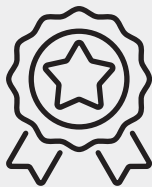
Named after its use of CW511L brass—with low lead content—the C-511 exceeds European drinking water directives, ensuring a healthier, safer, and more hygienic water supply. The absence of lead is a critical advancement in the pursuit of improved water quality, particularly in the distribution of hot and cold sanitary water, where safety and health are non-negotiable.

Thanks to a heat treatment process, the brass is transformed into DZR brass, which is resistant to dezincification. This treatment results in a 34% increase in durability, significantly improving the product's corrosion resistance and reducing the need for frequent replacements, while also minimizing maintenance efforts.

Despite these advanced features, the C-511 maintains its original design and enhances versatility, reinforcing water tightness for greater safety and flexibility. This makes it suitable for both domestic and industrial applications, addressing the diverse needs of customers who require reliable and adaptable solutions.

The C-511 valve offers the option to incorporate anti-freeze and anti-scale functionality, making it an ideal choice for cold climates or areas with hard water. These features prevent breakage and blockages, ensuring the valve's long-term performance and preventing damage to the system.

In summary, the C-511 not only meets the most rigorous safety and durability standards but also brings innovative improvements that make it a benchmark product in the valve market.



**Versatility and quality**  
Suitable for residential and industrial applications, such as cold water distribution networks, hot sanitary water, water meters connections, solar panel installations, pneumatic and oil-hydraulic systems.

### Wide Range of Applications

With its high performance, the C-511 can be used in a wide array of settings, including:



Drinking water connections and distribution networks (both hot and cold sanitary water)



HVAC systems, including air conditioning and fan coils



Solar panel installations



Pneumatic and oil hydraulic installations



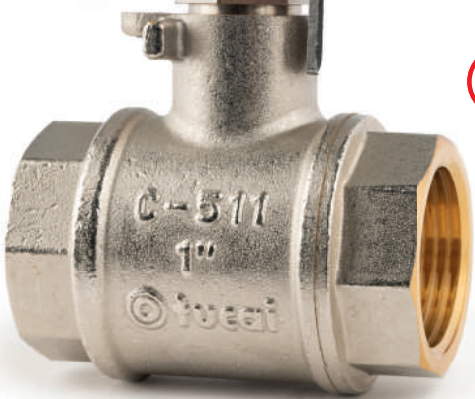
Machine tools



Machine tools



## Innovative Features for Maximum Reliability



## Range Combinations

- Handle Options:**
- AISI-304 stainless steel padlockable lever
  - Butterfly lever (ideal for compact spaces)
  - Square lever (perfect for manholes installed below ground level)

### Connection options:



Male-Female Lever



Female-Female Lever



Female-Female Square



Male-Female Butterfly



Female-Female Butterfly



CATALOGUE

# Flexible connections & valves



**Sanitary DN8**

**Aerators**

**Water Heater DN13**

**Big diameter DN19–50**

**Corrugated stainless steel**

**Shower**

**Washing machine**

**Gas**

**Gasoil – River oil**

**Angle valves**

**Bibcock Valve Spindle**

**Garden Bibcock Valves**

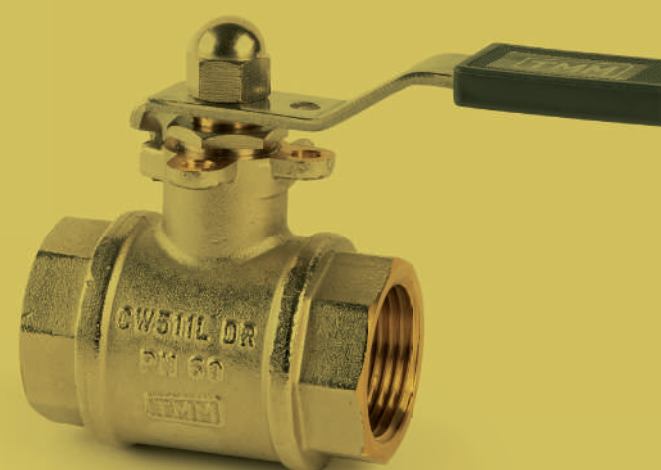
**Ball valves**

**Other valves**

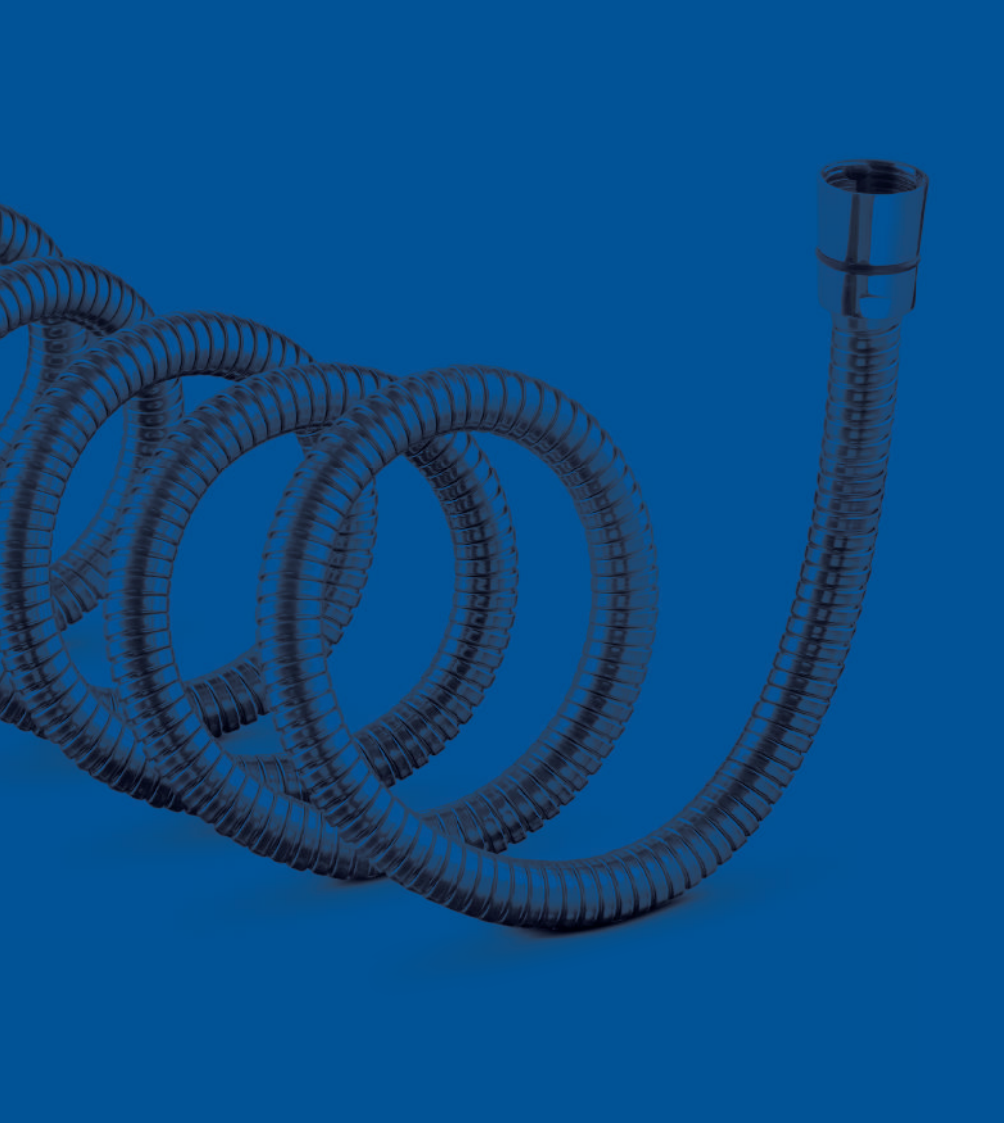
**Accessories**

**Appendix**

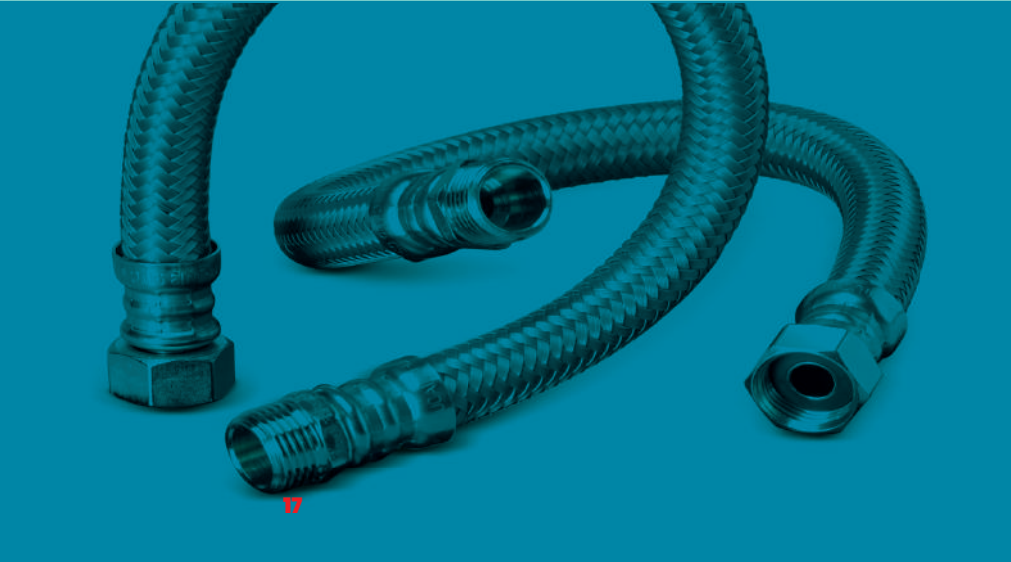
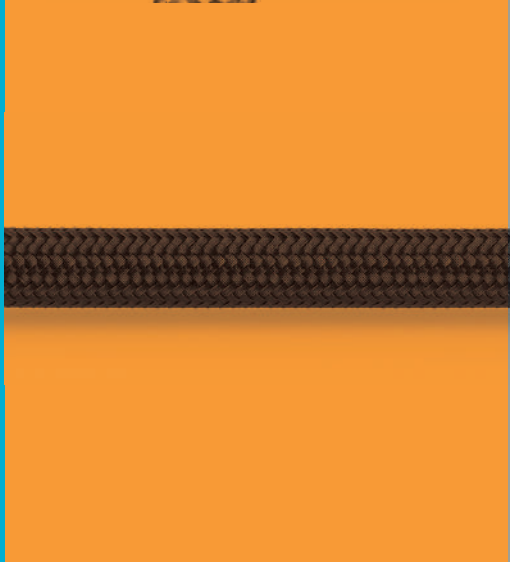
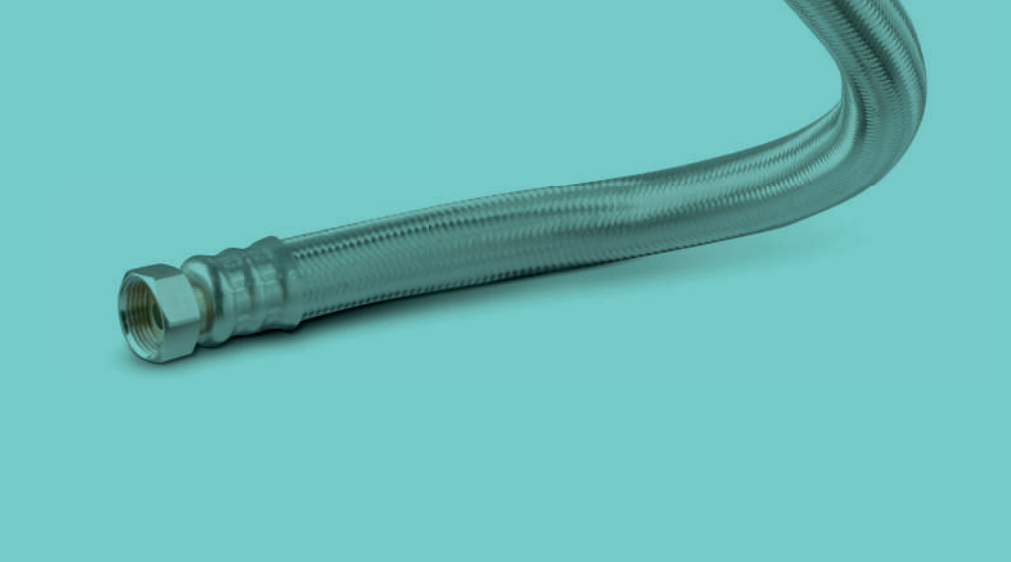
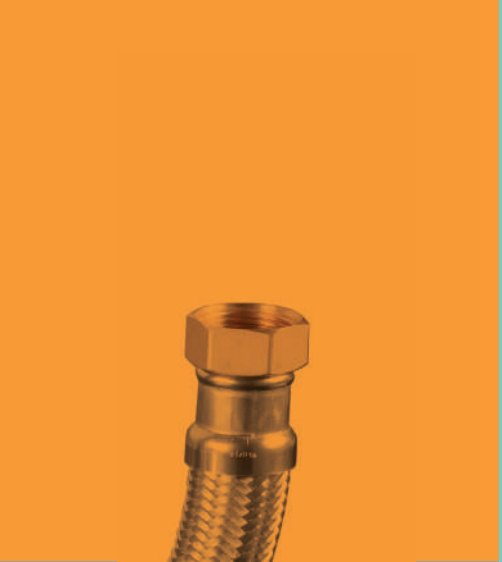
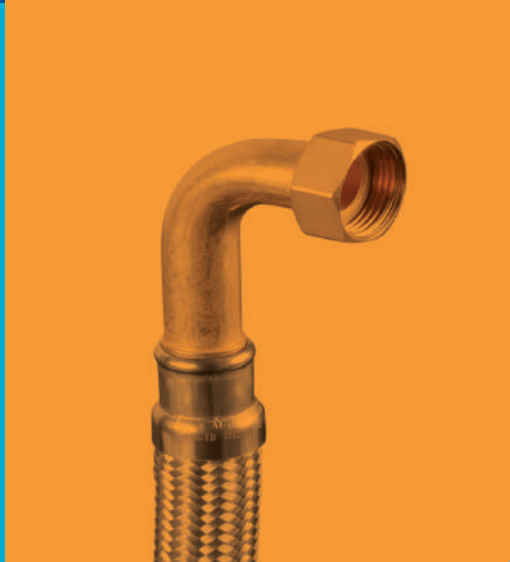
**Reference list**







# Flexible Connections



Index by DN size

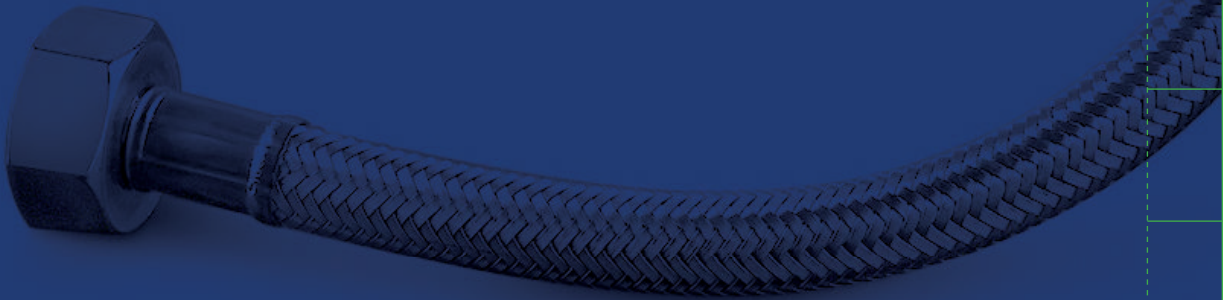
|                                                                                                                                                                      | DN    | Range                                         | Inner liner | Braiding        | Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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|                                                                                                                                                                      |       | <b>TAQ TWIST GRIF</b>                         | EPDM        | Polymeric ACB   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|                                                                                                                                                                      |       |                                               | PE-RT       | Stainless steel |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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|    |       | <b>TAQ Premium</b><br><b>TAQ Premium Grif</b> | PE-RT       | Polymeric ACB   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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|                                                                                     |       | <b>PEX</b><br><b>PEX GRIF</b>                 | PEX         | Stainless steel |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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|   | 13/15 | <b>Super Twist</b><br><b>O2B ACB</b>          | PE-RT       | Polymeric ACB   |                                                                                                                                                                                                                                                                                                                                                                                        |      |





# Sanitary

|                                                       |    |
|-------------------------------------------------------|----|
| Taq Premium + Taq Premium Grif <b>New</b>             | 24 |
| Taq Twist (elbow, compression, straight)              | 28 |
| Taq Pex (elbow, compression, straight) + Taq Pex Grif | 34 |
| Taq ACB + Taq Grif ACB                                | 40 |
| Taq Grif                                              | 44 |
| Pullout Twist                                         | 50 |





# TAQ PREMIUM



DESIGN  
AWARD  
2025

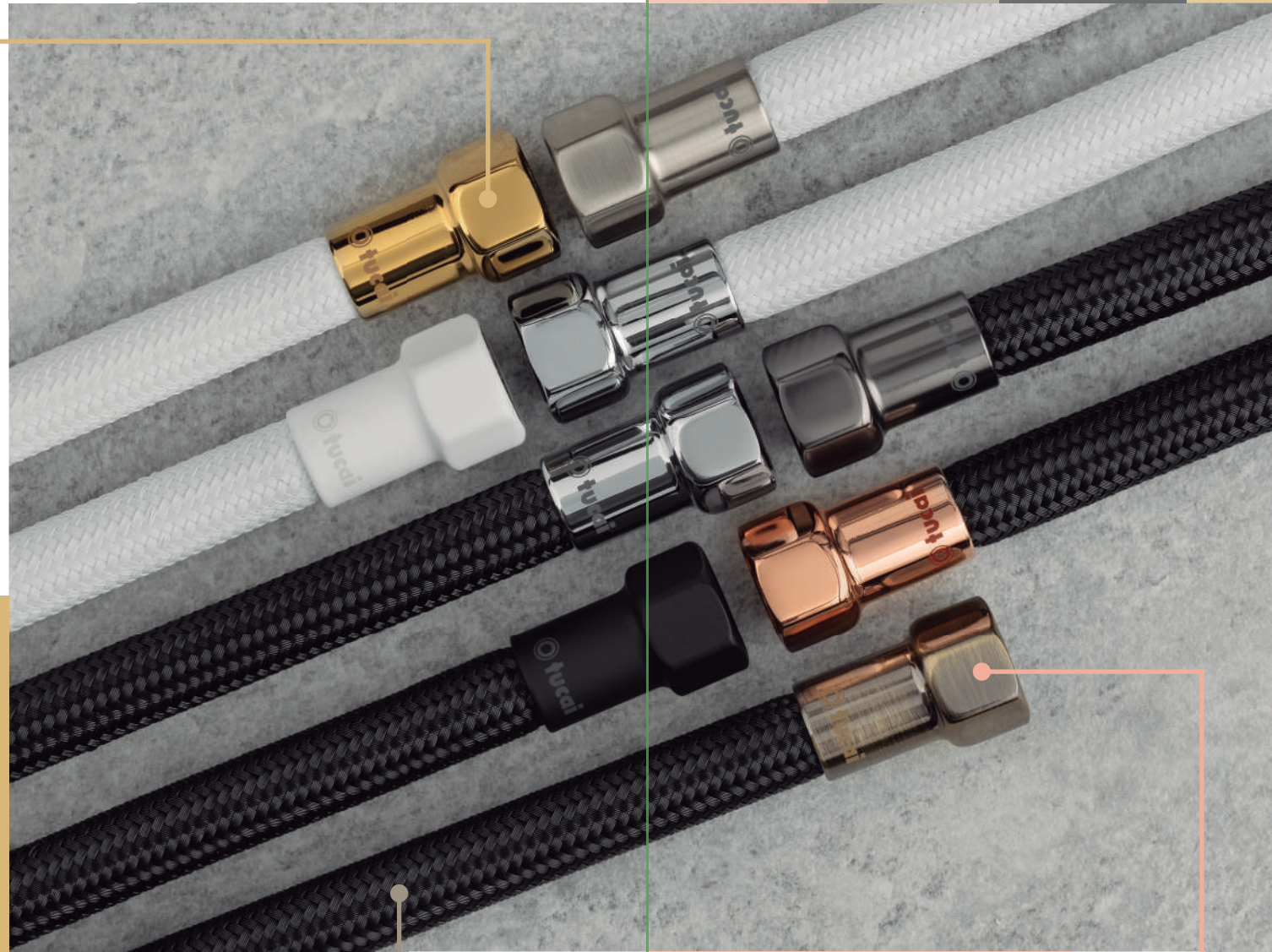


Combine Taq Premium  
with the rest of the Premium  
range products



## Fittings

- Nut with integrated sleeve
- Easy assembly, without tools or plumbing tape
- 8 finishes available
- Perfect union of hose with valve
- Electrostatic powder paint (black and white)
- Electrolytic bath (other finishes)
- Abrasion and corrosion resistant paint
- Easy to clean



## ACB Braiding

- Anti-corrosion polymeric
- Extreme flexibility
- UV resistance
- Double life span
- Zero maintenance and impeccable aesthetics
- Anti-leak

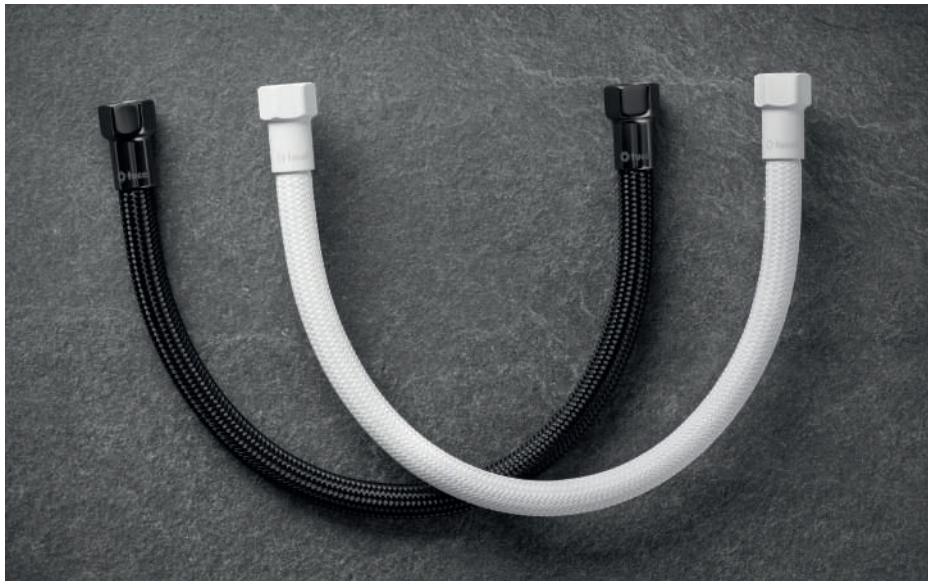


## PE-RT Inner liner

- PE-RT material. Polyethylene resistant to high temperatures
- Antibacterial and corrosion resistant
- Prevents limescale and biofilm build-up
- Resistant to chlorine and chloramines
- Water hammer resistant (100 bar)
- Recyclable material (22% less carbon footprint)



TAQ PREMIUM DN8

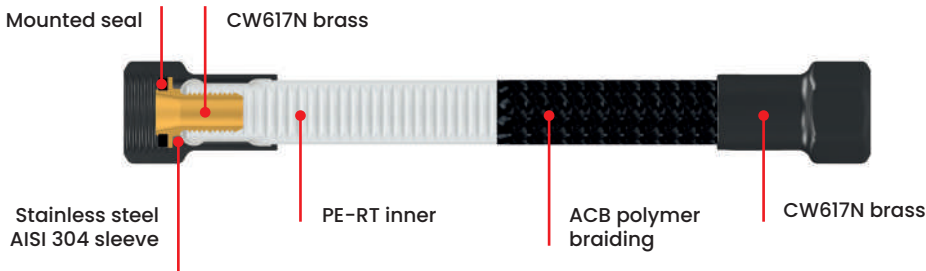


Applications



- European brass  
CW617N
- Anti-corrosion  
braiding & finish
- Abrasion  
resistant
- Antibacterial &  
easy to clean
- Pack of  
2 units.  
Easy to install

Materials



Certifications



Combines  
with Premium  
C-850 valves

see page 135

| Female Female              |  | 3/8"-3/8" |                | 1/2"-1/2" |                |
|----------------------------|--|-----------|----------------|-----------|----------------|
| Finish<br>Brading/Fittings |  | Length    | #<br>Reference | Length    | #<br>Reference |
| Black / Matte<br>black     |  | 300       | 209958         | 300       | 209968         |
|                            |  | 400       | 209959         | 400       | 209969         |
|                            |  | 500       | 209960         | 500       | 209970         |
| White / Matte<br>white     |  | 300       | 209961         | 300       | 209971         |
|                            |  | 400       | 209962         | 400       | 209972         |
|                            |  | 500       | 209963         | 500       | 209973         |
| Black / Black<br>steel     |  | 300       | 210428         | 400       | 209988         |
|                            |  | 400       | 210429         |           |                |
|                            |  | 500       | 209983         |           |                |
| White / Brushed<br>steel   |  | 300       | 210195         | 400       | 209991         |
|                            |  | 400       | 210196         |           |                |
|                            |  | 500       | 209986         |           |                |
| Black / Rose gold          |  | 300       | 209974         | 400       | 209987         |
|                            |  | 400       | 209982         |           |                |
|                            |  | 500       | 209975         |           |                |
| Black / Antique<br>bronze  |  | 300       | 210188         | 400       | 210197         |
|                            |  | 400       | 210189         |           |                |
|                            |  | 500       | 210190         |           |                |
| White / Gold               |  | 300       | 210193         | 400       | 209990         |
|                            |  | 400       | 209985         |           |                |
|                            |  | 500       | 210194         |           |                |
| White / Chrome             |  | 300       | 209984         | 400       | 209989         |
|                            |  | 400       | 210191         |           |                |
|                            |  | 500       | 210192         |           |                |
| Black / Chrome             |  | 300       | 210394         |           |                |
|                            |  | 400       | 210395         |           |                |
|                            |  | 500       | 210396         |           |                |

| Female Male                |  | 3/8"-3/8" |                | 3/8"-1/2" |                | 1/2"-1/2" |                |
|----------------------------|--|-----------|----------------|-----------|----------------|-----------|----------------|
| Finish<br>Brading/Fittings |  | Length    | #<br>Reference | Length    | #<br>Reference | Length    | #<br>Reference |
| Black / Matte<br>black     |  | 300       | 211586         | 300       | 211588         | 300       | 211590         |
|                            |  | 500       | 211587         | 500       | 211589         | 500       | 211591         |

| <br>DN - Ø Int.<br>Ø External | <br>Units per<br>package | <br>Flow rate<br>Ø Int. passage | <br>Bending<br>Radius | <br>Bar/Temp<br>service |
|-------------------------------|--------------------------|---------------------------------|-----------------------|-------------------------|
| DN8 8 mm<br>13,5 mm           | 1 / Display box          | 28 l. / min.<br>6 mm            | 18 mm                 | 10 bar<br>90°C          |

# TAQ PREMIUM GRIF DN8



## Applications



European  
brass  
CW617N



Anti-corrosion  
braiding &  
finish



Abrasion  
resistant

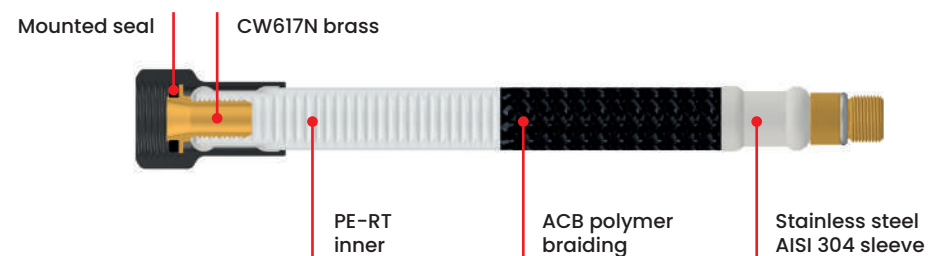


Antibacterial &  
easy to clean



Pack of 2  
units. Easy to  
install

## Materials



## Certifications



| Female Grif                |                                                                                       | 3/8"-M10X1 |           | 1/2"-M10X1 |           |
|----------------------------|---------------------------------------------------------------------------------------|------------|-----------|------------|-----------|
| Finish<br>Brading/Fittings |                                                                                       | Length     | Reference | Length     | Reference |
| Black / Matte<br>black     |    | 300        | 209978    | 400        | 209964    |
|                            |                                                                                       | 400        | 209976    | 500        | 209965    |
|                            |                                                                                       | 500        | 209979    | 600        | 210393    |
| White / Matte white        |   | 300        | 209980    | 400        | 209966    |
|                            |                                                                                       | 400        | 209977    | 500        | 209967    |
|                            |                                                                                       | 500        | 209981    |            |           |
| Black / Antique<br>bronze  |  | 400        | 210199    | 500        | 210204    |
| Black / Black steel        |  | 400        | 210198    | 500        | 210203    |
| Black / Rose gold          |  | 400        | 209992    | 500        | 210202    |
| White / Brushed<br>steel   |  | 400        | 210201    | 500        | 210207    |
| White / Gold               |  | 400        | 210200    | 500        | 210206    |
| White / Chrome             |  | 400        | 209993    | 500        | 210205    |

| DN - Ø Int.<br>Ø External | Units per<br>package | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>service |
|---------------------------|----------------------|-----------------------------|-------------------|---------------------|
| DN8 8 mm<br>13,5 mm       | 2 / Display box      | 28 l. / min.<br>6 mm        | 18 mm             | 10 bar<br>90°C      |



TAQ TWIST

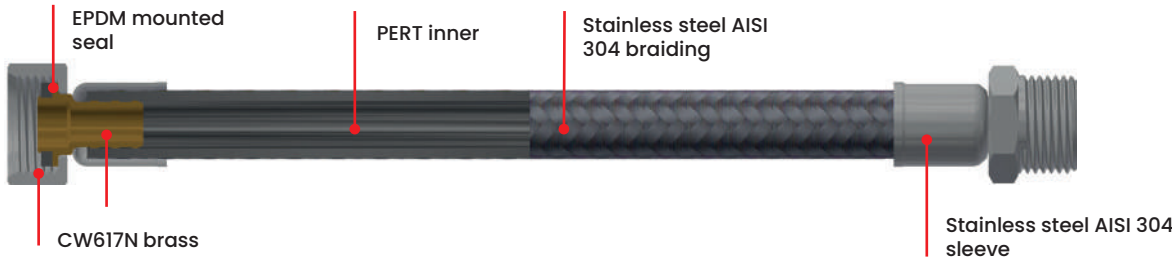


Applications



- European  
brass CW617N
- Anti-corrosion  
finish
- 100% leak  
tested
- Extreme  
flexibility
- Antibacterial
- High  
resistance to  
chemicals
- No kinking

Materials



Certifications



| Female  Male       |                            |        |           |                        |                             |                   |                     |
|--------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings           | DN - Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| F 3/8"<br>- F 3/8" | DN8 8 mm<br>Ø Ext. 12,5 mm | 150    | 210600    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                    |                            | 200    | 210601    |                        |                             |                   |                     |
|                    |                            | 250    | 210602    |                        |                             |                   |                     |
|                    |                            | 300    | 210603    |                        |                             |                   |                     |
|                    |                            | 350    | 210604    |                        |                             |                   |                     |
|                    |                            | 400    | 210605    |                        |                             |                   |                     |
|                    |                            | 450    | 210606    |                        |                             |                   |                     |
|                    |                            | 500    | 210607    |                        |                             |                   |                     |
|                    |                            | 600    | 210608    |                        |                             |                   |                     |
|                    |                            | 800    | 210609    |                        |                             |                   |                     |
|                    |                            | 1000   | 210610    |                        |                             |                   |                     |
|                    |                            | 1500   | 210611    | 10/ bag<br>25 / box    |                             |                   |                     |
| 2000               | 210612                     |        |           |                        |                             |                   |                     |
| F 1/2"<br>- F 1/2" | DN8 8 mm<br>Ø Ext. 12,5 mm | 150    | 210624    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                    |                            | 200    | 210625    |                        |                             |                   |                     |
|                    |                            | 250    | 210626    |                        |                             |                   |                     |
|                    |                            | 300    | 210627    |                        |                             |                   |                     |
|                    |                            | 350    | 210628    |                        |                             |                   |                     |
|                    |                            | 400    | 210629    |                        |                             |                   |                     |
|                    |                            | 450    | 210630    |                        |                             |                   |                     |
|                    |                            | 500    | 210631    |                        |                             |                   |                     |
|                    |                            | 600    | 210632    |                        |                             |                   |                     |
|                    |                            | 700    | 210633    |                        |                             |                   |                     |
|                    |                            | 800    | 210634    |                        |                             |                   |                     |
|                    |                            | 900    | 210635    |                        |                             |                   |                     |
|                    |                            | 1000   | 210636    |                        |                             |                   |                     |
|                    |                            | 1200   | 210637    | 1 / bag<br>50 / box    |                             |                   |                     |
|                    |                            | 1500   | 210638    |                        |                             |                   |                     |
|                    |                            | 2000   | 210639    | 1 / bag<br>20 / box    |                             |                   |                     |
|                    |                            | 2500   | 210640    |                        |                             |                   |                     |
|                    |                            | 3000   | 210641    |                        |                             |                   |                     |
| F 3/8"<br>- F 1/2" | DN8 8 mm<br>Ø Ext. 12,5 mm | 150    | 210642    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                    |                            | 200    | 210643    |                        |                             |                   |                     |
|                    |                            | 250    | 210644    |                        |                             |                   |                     |
|                    |                            | 300    | 210645    |                        |                             |                   |                     |
|                    |                            | 350    | 210646    |                        |                             |                   |                     |
|                    |                            | 400    | 210647    |                        |                             |                   |                     |
|                    |                            | 450    | 210648    |                        |                             |                   |                     |
|                    |                            | 500    | 210649    |                        |                             |                   |                     |
|                    |                            | 600    | 210650    |                        |                             |                   |                     |
|                    |                            | 700    | 210651    |                        |                             |                   |                     |
|                    |                            | 800    | 210652    |                        |                             |                   |                     |
|                    |                            | 1000   | 210653    |                        |                             |                   |                     |



|  Male     |                            |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| <b>M 3/8"</b><br>- <b>F 3/8"</b>                                                           | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                                  | 150                                                                                      | 210613                                                                                      | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,1 mm                                                                                         | 10 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                            |                                                                                                             | 200                                                                                      | 210614                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 250                                                                                      | 210615                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                      | 210616                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 350                                                                                      | 210617                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                      | 210618                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 450                                                                                      | 210619                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                      | 210620                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 600                                                                                      | 210621                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 800                                                                                      | 210622                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 1000                                                                                       | 210623                                                                                                      |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M 3/8"</b><br>- <b>F 1/2"</b>                                                           | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                                  | 150                                                                                      | 210654                                                                                      | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,1 mm                                                                                         | 10 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                            |                                                                                                             | 200                                                                                      | 210655                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 250                                                                                      | 210656                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                      | 210657                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 350                                                                                      | 210658                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                      | 210659                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 450                                                                                      | 210660                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                      | 210661                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 600                                                                                      | 210662                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 700                                                                                      | 210663                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 800                                                                                      | 210664                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1000                                                                                     | 210665                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1500                                                                                     | 210666                                                                                      | 10 / bag<br>50 / box                                                                                     |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M 1/2"</b><br>- <b>F 1/2"</b>                                                           | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                                  | 150                                                                                      | 210667                                                                                      | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,1 mm                                                                                         | 10 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                            |                                                                                                             | 200                                                                                      | 210668                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 250                                                                                      | 210669                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                      | 210670                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 350                                                                                      | 210671                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                      | 210672                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 450                                                                                      | 210673                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                      | 210674                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 600                                                                                      | 210675                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 700                                                                                      | 210676                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 800                                                                                      | 210677                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 900                                                                                      | 210678                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1000                                                                                     | 210679                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1200                                                                                     | 210680                                                                                      | 10 / bag<br>50 / box                                                                                     |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1500                                                                                     | 210681                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1800                                                                                     | 210682                                                                                      | 1 / bag<br>100 / box                                                                                     |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 2000                                                                                     | 210683                                                                                      | 10 / bag<br>100 / box                                                                                    |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 2500                                                                                     | 210684                                                                                      | 1 / bag<br>20 / box                                                                                      |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 3000                                                                                     | 210685                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |

|  Female                                                |                    |        |           |                        |                             |                   |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings                                                                                                                                  | DN - Ø Int.<br>Ø Exterior                                                                             | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| <br><b>F 3/8"</b><br>- <b>Bicone</b><br>Ø10 mm         | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                            | 250    | 210809    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                                                                                                                                           |                                                                                                       | 300    | 210810    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 500    | 210811    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 1000   | 210812    |                        |                             |                   |                     |
| <b>F 1/2"</b><br>- <b>Bicone</b><br>Ø10 mm                                                                                                | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                            | 200    | 210818    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                                                                                                                                           |                                                                                                       | 300    | 210819    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 400    | 210820    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 500    | 210821    |                        |                             |                   |                     |
| <br><b>F 3/8"</b><br>- <b>Elbow</b><br><b>F 3/8"</b>  | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                            | 200    | 210756    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                                                                                                                                           |                                                                                                       | 250    | 210757    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 300    | 210758    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 350    | 210759    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 400    | 210760    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 500    | 210761    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 600    | 210762    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 800    | 210763    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 1000   | 210764    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       |        |           |                        |                             |                   |                     |
| <b>F 1/2"</b><br>- <b>Elbow</b><br><b>F 1/2"</b>                                                                                          | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                            | 200    | 210768    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                                                                                                                                           |                                                                                                       | 250    | 210769    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 300    | 210770    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 350    | 210771    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 400    | 210772    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 500    | 210773    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 600    | 210774    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 800    | 210775    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 1000   | 210776    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       |        |           |                        |                             |                   |                     |
| <br><b>M 1/2"</b><br>- <b>Elbow</b><br><b>F 1/2"</b> | DN8 8 mm<br>Ø Ext. 12,5 mm                                                                            | 200    | 210777    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                                                                                                                                           |                                                                                                       | 250    | 210778    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 300    | 210779    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 350    | 210780    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 500    | 210782    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 600    | 210783    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 800    | 210784    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 1000   | 210785    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       |        |           |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       |        |           |                        |                             |                   |                     |
|  <b>Compres-<br/>sion</b>                            |  <b>Straight</b> | 200    | 211102    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,1 mm      | 10 mm             | 10 bar<br>90°C      |
|                                                                                                                                           |                                                                                                       | 300    | 210815    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 500    | 210816    |                        |                             |                   |                     |
|                                                                                                                                           |                                                                                                       | 1000   | 210817    |                        |                             |                   |                     |

Check existing certifications  
Other lengths available: see page 197



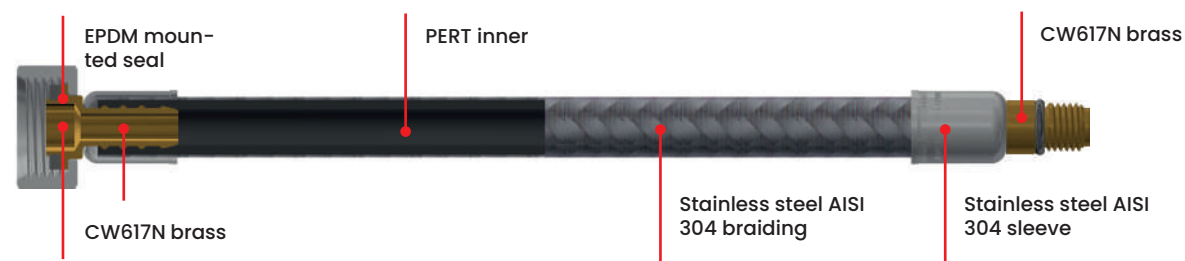
# TAQ TWIST GRIF



## Applications



## Materials



## Certifications



UNE - EN 13618

\*Certified according to UNE  
 - EN 13618 10 bar 70°C  
 Tested in laboratory 90°C



| Male Grif          |                            |        |           |                        |                             |                   |                     |
|--------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings           | DN - Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| M 3/8"<br>- L 15,5 | DN8 8 mm<br>Ø Ext. 11,5 mm | 300    | 210698    | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                    |                            | 350    | 210699    |                        |                             |                   |                     |
|                    |                            | 400    | 210700    |                        |                             |                   |                     |
|                    |                            | 500    | 210701    |                        |                             |                   |                     |
|                    |                            | 600    | 210702    |                        |                             |                   |                     |
|                    |                            | 700    | 210703    |                        |                             |                   |                     |
|                    |                            | 800    | 210704    |                        |                             |                   |                     |
|                    |                            | 1000   | 210705    |                        |                             |                   |                     |
| F 1/2"<br>- L 37   | DN8 8 mm<br>11,5 mm        | 300    | 210718    | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                    |                            | 350    | 210719    |                        |                             |                   |                     |
|                    |                            | 400    | 210720    |                        |                             |                   |                     |
|                    |                            | 450    | 210721    |                        |                             |                   |                     |
|                    |                            | 500    | 210722    |                        |                             |                   |                     |
|                    |                            | 600    | 210723    |                        |                             |                   |                     |
|                    |                            | 700    | 210724    |                        |                             |                   |                     |
|                    |                            | 800    | 210725    |                        |                             |                   |                     |
|                    |                            | 1500   | 210726    |                        |                             |                   |                     |

Other lengths available: see page 198

# TAQ PEX



## Applications



European  
brass  
CW617N



Antibacterial

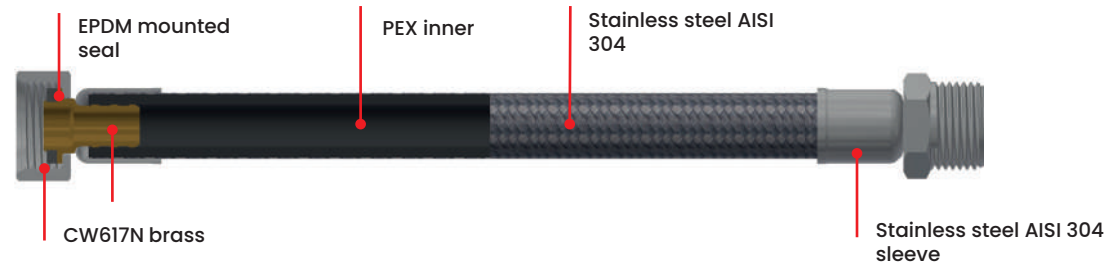


Chlorine and  
Chloramine  
Resistance



cross-linked  
polyethylene

## Materials



## Certifications



UNE - EN 13618

\*Certified according to  
UNE - EN 13618 10 bar 70°C  
Laboratory tested 90°C



|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| F 3/8"<br>- F 3/8"                                                                           | DN8 8 mm<br>Ø Ext. 12 mm                                                                                      | 150                                                                                        | 8341                                                                                          | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 200                                                                                        | 8300                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 250                                                                                        | 8259                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 300                                                                                        | 5326                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 8302                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 8260                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 8655                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 202090                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 200829                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1500                                                                                       | 8984                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 1/2"<br>- F 1/2"                                                                           | DN8 8 mm<br>Ø Ext. 12 mm                                                                                      | 150                                                                                        | 200145                                                                                        | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 200                                                                                        | 8263                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 250                                                                                        | 3029                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 300                                                                                        | 206298                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 206299                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 206300                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 206301                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 9458                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 206302                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 206303                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               |                                                                                            | 1500                                                                                          | 9460                                                                                                       |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              | 2000                                                                                                          | 206412                                                                                     | 5 / bag<br>25 / box                                                                           |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- F 1/2"                                                                           | DN8 8 mm<br>Ø Ext. 12 mm                                                                                      | 150                                                                                        | 203865                                                                                        | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 200                                                                                        | 8261                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 250                                                                                        | 8262                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 300                                                                                        | 3809                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 8303                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 450                                                                                        | 6088                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 8342                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 9180                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 8358                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               |                                                                                            |                                                                                               |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |



| Fittings           | DN - Ø Int.<br>Ø Exterior | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
|--------------------|---------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| M 3/8"<br>- F 3/8" | DN8 8 mm<br>12 mm         | 150    | 200312    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,2 mm      | 30 mm             | 10 bar<br>70°C      |
|                    |                           | 200    | 200313    |                        |                             |                   |                     |
|                    |                           | 250    | 200314    |                        |                             |                   |                     |
|                    |                           | 300    | 8994      |                        |                             |                   |                     |
|                    |                           | 400    | 200208    |                        |                             |                   |                     |
|                    |                           | 500    | 8995      |                        |                             |                   |                     |
|                    |                           | 700    | 8985      |                        |                             |                   |                     |
|                    |                           | 750    | 8986      |                        |                             |                   |                     |
|                    |                           | 1500   | 8987      |                        |                             |                   |                     |
| M 1/2"<br>- F 1/2" | DN8 8 mm<br>12 mm         | 300    | 206304    | 10 / bag<br>100 / box  | 28 l. / min.<br>6,2 mm      | 30 mm             | 10 bar<br>70°C      |
|                    |                           | 350    | 5195      |                        |                             |                   |                     |
|                    |                           | 400    | 206305    |                        |                             |                   |                     |
|                    |                           | 500    | 206306    |                        |                             |                   |                     |
|                    |                           | 600    | 206307    |                        |                             |                   |                     |
|                    |                           | 800    | 206308    |                        |                             |                   |                     |
|                    |                           | 1000   | 206309    |                        |                             |                   |                     |
|                    |                           | 1500   | 206410    |                        |                             |                   |                     |
|                    |                           | 1000   | 206309    |                        |                             |                   |                     |
|                    |                           | 1500   | 206410    | 10 / bag<br>50 / box   |                             |                   |                     |
|                    |                           | 2000   | 206411    | 5 / bag<br>25 / box    |                             |                   |                     |





|  Male     |                                                                                                             |  Female   |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length   |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| M 3/8"<br>- F 1/2"                                                                         | DN8 8 mm<br>12 mm                                                                                           | 300                                                                                        | 205451                                                                                      | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
| M 1/2"<br>- F 3/8"                                                                         | DN8 8 mm<br>12 mm                                                                                           | 200                                                                                        | 210125                                                                                      | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                            |                                                                                                             | 250                                                                                        | 210126                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                        | 205452                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                        | 210127                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                        | 210128                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|  Male     |                                                                                                             |  Straight |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| H 1/2"<br>- L 10"                                                                          | DN8 8 mm<br>12 mm                                                                                           | 300                                                                                        | 3614                                                                                        | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                            |                                                                                                             | 400                                                                                        | 6776                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                        | 6195                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| H 3/8"<br>- L 10                                                                           | DN8 8 mm<br>12 mm                                                                                           | 300                                                                                        | 5330                                                                                        | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                            |                                                                                                             | 500                                                                                        | 4657                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|  Elbow  |                                                                                                             |  Female |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| Elbow F 3/4"<br>- F 1/2"                                                                   | DN8 8 mm<br>12 mm                                                                                           | 1500                                                                                       | 201913                                                                                      | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                            |                                                                                                             | 2000                                                                                       | 201914                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 2500                                                                                       | 201915                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 3000                                                                                       | 201916                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 4000                                                                                       | 201917                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| Elbow F 3/4"<br>- F 3/8"                                                                   | DN8 8 mm<br>12 mm                                                                                           | 500                                                                                        | 8753                                                                                        | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                            |                                                                                                             | 1500                                                                                       | 200418                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1700                                                                                       | 6195                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| Elbow F 3/8"<br>- F 1/2"                                                                   | DN8 8 mm<br>12 mm                                                                                           | 500                                                                                        | 8399                                                                                        | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
| Elbow F 3/8"<br>- F 3/8"                                                                   | DN8 8 mm<br>12 mm                                                                                           | 150                                                                                        | 9247                                                                                        | 10 / bag<br>100 / box                                                                                    | 28 l. / min.<br>6,2 mm                                                                                         | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                            |                                                                                                             | 200                                                                                        | 4664                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                        | 5915                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                        | 202970                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |



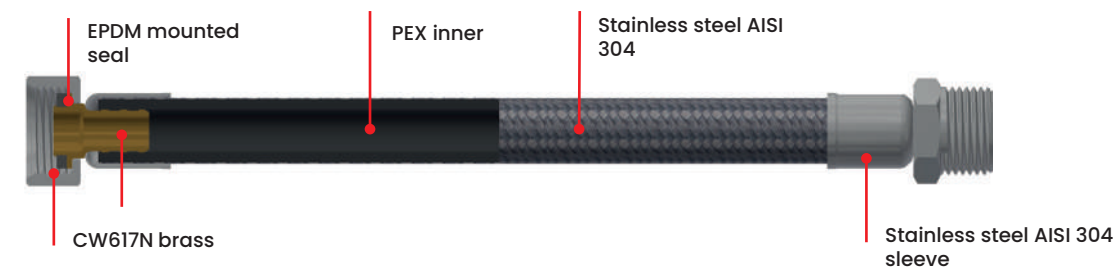
## TAQ PEX GRIF



## Applications



## Materials



## Certifications



\*Certified according to  
UNE - EN 13618 10 bar 70°C  
Laboratory tested 90°C



|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| F 1/2"<br>- M 10x1 L15,5                                                                     | DN8 8 mm<br>Ø Ext. 12 mm                                                                                      | 350                                                                                        | 206311                                                                                        | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                           | 30 mm                                                                                                   | 10 bar<br>70°C                                                                                            |
|                                                                                              |                                                                                                               | 400                                                                                        | 206312                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 500                                                                                        | 206313                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 600                                                                                        | 206402                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 700                                                                                        | 206314                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 800                                                                                        | 206403                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 1000                                                                                       | 206404                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 1200                                                                                       | 206405                                                                                        | 10 / bag<br>50 / box                                                                                       |                                                                                                                  |                                                                                                         |                                                                                                           |
| F 1/2"<br>- M 10x1 L37                                                                       | DN8 8 mm<br>Ø Ext. 12 mm                                                                                      | 350                                                                                        | 206315                                                                                        | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                           | 30 mm                                                                                                   | 10 bar<br>70°C                                                                                            |
|                                                                                              |                                                                                                               | 400                                                                                        | 206316                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 500                                                                                        | 206317                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 600                                                                                        | 208241                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 700                                                                                        | 206318                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 1000                                                                                       | 205064                                                                                        |                                                                                                            |                                                                                                                  |                                                                                                         |                                                                                                           |
|                                                                                              |                                                                                                               | 1200                                                                                       | 206406                                                                                        | 10 / bag<br>50 / box                                                                                       |                                                                                                                  |                                                                                                         |                                                                                                           |

|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| F 3/8"<br>- M 10x1 L15,5                                                                     | DN8 8 mm<br>12 mm                                                                                             | 360                                                                                        | 202789                                                                                        | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                          | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 400                                                                                        | 209918                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 450                                                                                        | 204159                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 10x1 L17                                                                       | DN8 8 mm<br>12 mm                                                                                             | 300                                                                                        | 3961                                                                                          | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                          | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 400                                                                                        | 6176                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 450                                                                                        | 6145                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 6146                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 10x1 L18                                                                       | DN8 8 mm<br>12 mm                                                                                             | 350                                                                                        | 6144                                                                                          | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                          | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 800                                                                                        | 6217                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 10x1 L37                                                                       | DN8 8 mm<br>12 mm                                                                                             | 300                                                                                        | 6329                                                                                          | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                          | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 350                                                                                        | 200465                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 9169                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 6331                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 6218                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 10x1 L50                                                                       | DN8 8 mm<br>12 mm                                                                                             | 300                                                                                        | 6330                                                                                          | 10 / bag<br>100 / box                                                                                      | 28 l. / min.<br>6,2 mm                                                                                          | 30 mm                                                                                                 | 10 bar<br>70°C                                                                                          |
|                                                                                              |                                                                                                               | 700                                                                                        | 200386                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |



TAQ ACB DN8

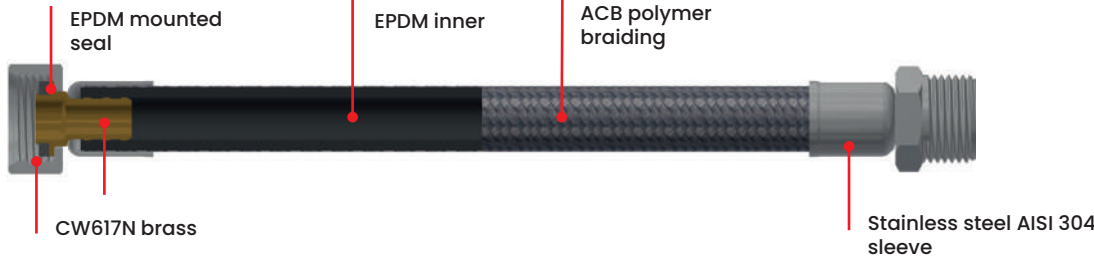


Applications



- European brass CW617N
- Anti-corrosion braiding & finish
- Recommended for coastal areas
- Polymer braiding
- Easy to install

Materials



Certifications



|  Fittings |  DN – Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| F 3/8"<br>- F 3/8"                                                                             | DN8 8 mm<br>Ø Ext. 12 mm                                                                                        | 150                                                                                          | 205441                                                                                          | 10 / bag<br>100 / box                                                                                        | 29 l. / min.<br>6,2 mm                                                                                            | 25 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                |                                                                                                                 | 200                                                                                          | 202993                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 250                                                                                          | 202994                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 300                                                                                          | 202995                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 350                                                                                          | 202996                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 400                                                                                          | 202997                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 202998                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 600                                                                                          | 205442                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 800                                                                                          | 205443                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                | 1000                                                                                                            | 205474                                                                                       |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| F 1/2"<br>- F 1/2"                                                                             | DN8 8 mm<br>Ø Ext. 12 mm                                                                                        | 200                                                                                          | 202999                                                                                          | 10 / bag<br>100 / box                                                                                        | 29 l. / min.<br>6,2 mm                                                                                            | 25 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                |                                                                                                                 | 250                                                                                          | 203000                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 300                                                                                          | 203001                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 350                                                                                          | 203002                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 400                                                                                          | 203003                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 203004                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 600                                                                                          | 203005                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 700                                                                                          | 202344                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 800                                                                                          | 203006                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 1000                                                                                         | 203007                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 1200                                                                                         | 203490                                                                                          | 1 / bag<br>25 / box                                                                                          |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 1500                                                                                         | 203491                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 2000                                                                                         | 203492                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| F 3/8"<br>- F 1/2"                                                                             | DN8 8 mm<br>Ø Ext. 12 mm                                                                                        | 200                                                                                          | 203008                                                                                          |                                                                                                              | 10 / bag<br>100 / box                                                                                             | 29 l. / min.<br>6,2 mm                                                                                  | 25 mm                                                                                                     |
|                                                                                                |                                                                                                                 | 250                                                                                          | 202528                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 300                                                                                          | 203009                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 350                                                                                          | 205444                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 400                                                                                          | 203010                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 203011                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 600                                                                                          | 205445                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 |                                                                                              |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |



| Male Female        |                           |        |           |                        |                             |                   |                     |
|--------------------|---------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings           | DN - Ø Int.<br>Ø Exterior | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| M 3/8"<br>- F 3/8" | DN8 8 mm<br>12 mm         | 100    | 210137    | 10 / bag<br>100 / box  | 29 l. / min.<br>6,2 mm      | 25 mm             | 10 bar<br>90°C      |
|                    |                           | 150    | 205446    |                        |                             |                   |                     |
|                    |                           | 200    | 203016    |                        |                             |                   |                     |
|                    |                           | 250    | 205447    |                        |                             |                   |                     |
|                    |                           | 300    | 203017    |                        |                             |                   |                     |
|                    |                           | 350    | 203142    |                        |                             |                   |                     |
|                    |                           | 400    | 203018    |                        |                             |                   |                     |
| M 1/2"<br>- F 1/2" | DN8 8 mm<br>12 mm         | 500    | 203019    | 10 / bag<br>100 / box  | 29 l. / min.<br>6,2 mm      | 25 mm             | 10 bar<br>90°C      |
|                    |                           | 150    | 210138    |                        |                             |                   |                     |
|                    |                           | 200    | 203012    |                        |                             |                   |                     |
|                    |                           | 250    | 205448    |                        |                             |                   |                     |
|                    |                           | 300    | 203013    |                        |                             |                   |                     |
|                    |                           | 350    | 205449    |                        |                             |                   |                     |
|                    |                           | 400    | 203014    |                        |                             |                   |                     |
| M 3/8"<br>- F 1/2" | DN8 8 mm<br>12 mm         | 500    | 203015    | 10 / bag<br>100 / box  | 29 l. / min.<br>6,2 mm      | 25 mm             | 10 bar<br>90°C      |
|                    |                           | 600    | 203237    |                        |                             |                   |                     |
|                    |                           | 800    | 203493    |                        |                             |                   |                     |
|                    |                           | 1000   | 203494    |                        |                             |                   |                     |
|                    |                           | 300    | 205451    |                        |                             |                   |                     |
|                    |                           | 200    | 210125    |                        |                             |                   |                     |
|                    |                           | 250    | 210126    |                        |                             |                   |                     |
| M 1/2"<br>- F 3/8" | DN8 8 mm<br>12 mm         | 300    | 205452    | 10 / bag<br>100 / box  | 29 l. / min.<br>6,2 mm      | 25 mm             | 10 bar<br>90°C      |
|                    |                           | 400    | 210127    |                        |                             |                   |                     |
|                    |                           | 500    | 210128    |                        |                             |                   |                     |
|                    |                           |        |           |                        |                             |                   |                     |

## TAQ GRIF ACB DN8



## Applications



## Certifications



## Materials



|  Female   |                                                                                                                 |  Grif   |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| F 3/8"<br>- M 10x1 L17                                                                         | DN8 8 mm<br>Ø Ext. 12 mm                                                                                        | 300                                                                                          | 203020                                                                                          | 10 / bag<br>100 / box                                                                                        | 29 l. / min.<br>6,2 mm                                                                                            | 25 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                |                                                                                                                 | 400                                                                                          | 203021                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 203022                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 600                                                                                          | 203023                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 800                                                                                          | 203024                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| F 3/8"<br>- M 10x1 L37                                                                         | DN8 8 mm<br>Ø Ext. 12 mm                                                                                        | 300                                                                                          | 210130                                                                                          | 10 / bag<br>100 / box                                                                                        | 29 l. / min.<br>6,2 mm                                                                                            | 25 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                |                                                                                                                 | 400                                                                                          | 210131                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 208273                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| F 3/8"<br>- M 10x1 L50                                                                         | DN8 8 mm<br>Ø Ext. 12 mm                                                                                        | 300                                                                                          | 205450                                                                                          | 10 / bag<br>100 / box                                                                                        | 29 l. / min.<br>6,2 mm                                                                                            | 25 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                |                                                                                                                 | 400                                                                                          | 203025                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 203026                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 600                                                                                          | 203027                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 800                                                                                          | 203028                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| ADAPTER M10X1 TO M8X1<br>(Nickel plated)                                                       |                                                                                                                 |                                                                                              | 206390                                                                                          | 2 / bag<br>250 / box                                                                                         |                                                                                                                   |                                                                                                         |                                                                                                           |

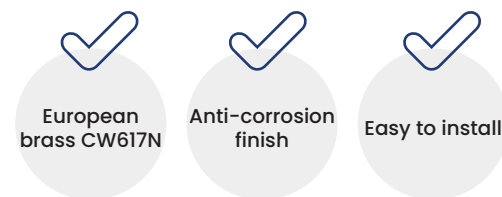
Other lengths available: see page 196



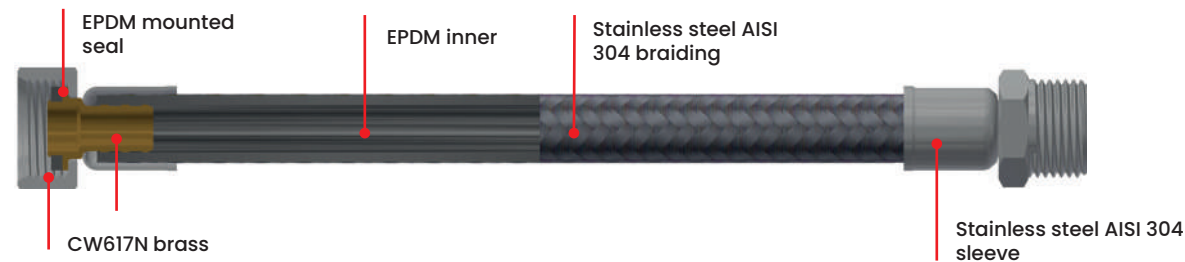
# TAQ DN8



## Applications



## Materials



## Certifications



UNE - EN 13618

 \*Certified according to  
 UNE - EN 13618 10 bar 70°C  
 Tested in laboratory 90°C


|  Female   |                                                                                                               |  Female |                                                                                               |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| F 3/8"<br>- F 3/8"                                                                           | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 100                                                                                        | 9158                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 150                                                                                        | 4658                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 200                                                                                        | 3811                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 250                                                                                        | 703                                                                                           |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 300                                                                                        | 2562                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 350                                                                                        | 5804                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 6782                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 450                                                                                        | 1012                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 3622                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 5815                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 8739                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 1117                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 900                                                                                        | 2603                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4305                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1200                                                                                       | 3398                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1500                                                                                       | 8740                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 2000                                                                                       | 2596                                                                                          | 1 / bag<br>25 / box                                                                                        |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 1/2"<br>- F 1/2"                                                                           | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 100                                                                                        | 902                                                                                           | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 150                                                                                        | 5709                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 200                                                                                        | 3949                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 250                                                                                        | 709                                                                                           |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 300                                                                                        | 3618                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 350                                                                                        | 5805                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 6339                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 450                                                                                        | 9264                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 3623                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 3953                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 5910                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 3954                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 900                                                                                        | 1132                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 3955                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1200                                                                                       | 3511                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1500                                                                                       | 8390                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 2000                                                                                       | 6446                                                                                          | 1 / bag<br>25 / box                                                                                        |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- F 1/2"                                                                           | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 100                                                                                        | 903                                                                                           | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 150                                                                                        | 6457                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 200                                                                                        | 5806                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 250                                                                                        | 715                                                                                           |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 300                                                                                        | 5808                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 350                                                                                        | 5809                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 6800                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 450                                                                                        | 1013                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 3810                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 5807                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 5813                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 6655                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 900                                                                                        | 2604                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 3956                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1200                                                                                       | 9279                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1500                                                                                       | 1817                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 2000                                                                                       | 6730                                                                                          | 1 / bag<br>25 / box                                                                                        |                                                                                                                 |                                                                                                       |                                                                                                         |



|  Male     |  Female                    |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings |  DN – Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| <b>M 3/8"</b><br>- <b>F 3/8"</b>                                                           | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                  | 100                                                                                      | 9207                                                                                        | 10 / bag<br>100 / box                                                                                    | 29 l. / min.<br>6 mm                                                                                           | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                            |                                                                                                             | 150                                                                                      | 6431                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 200                                                                                      | 2646                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 250                                                                                      | 721                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                      | 2203                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 350                                                                                      | 5816                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                      | 6783                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 450                                                                                      | 1014                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                      | 4211                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 600                                                                                      | 6650                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 700                                                                                      | 8737                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 800                                                                                      | 6651                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1000                                                                                     | 6652                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1200                                                                                     | 2630                                                                                        | 1 / bag<br>25 / box                                                                                      |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1500                                                                                     | 8738                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M 3/8"</b><br>- <b>F 1/2"</b>                                                           | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                  | 150                                                                                      | 6653                                                                                        | 10 / bag<br>100 / box                                                                                    | 29 l. / min.<br>6 mm                                                                                           | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                            |                                                                                                             | 200                                                                                      | 726                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 250                                                                                      | 727                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                      | 2202                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 350                                                                                      | 5888                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                      | 730                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 450                                                                                      | 1015                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                      | 5943                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 600                                                                                      | 6654                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 700                                                                                      | 743                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 800                                                                                      | 5814                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1000                                                                                     | 6656                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1500                                                                                     | 753                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 2000                                                                                     | 4757                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | <b>M 1/2"</b><br>- <b>F 1/2"</b>                                                         | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                  | 100                                                                                                      |                                                                                                                |                                                                                                       |                                                                                                         |
| 150                                                                                        | 1546                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 200                                                                                        | 3905                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 250                                                                                        | 733                                                                                                         |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 300                                                                                        | 1863                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 350                                                                                        | 5876                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 400                                                                                        | 1864                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 450                                                                                        | 1022                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 500                                                                                        | 1865                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 600                                                                                        | 1866                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 700                                                                                        | 747                                                                                                         |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 800                                                                                        | 1499                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 900                                                                                        | 755                                                                                                         |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 1000                                                                                       | 1547                                                                                                        |                                                                                          |                                                                                             | 1 / bag<br>25 / box                                                                                      |                                                                                                                |                                                                                                       |                                                                                                         |
| 1200                                                                                       | 2668                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M 1/2"</b><br>- <b>F 3/8"</b>                                                           | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                  | 1500                                                                                     | 8389                                                                                        | 10 / bag<br>100 / box                                                                                    | 29 l. / min.<br>6 mm                                                                                           | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                            |                                                                                                             | 2000                                                                                     | 9476                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 100                                                                                      | 907                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 150                                                                                      | 1548                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 200                                                                                      | 6796                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 250                                                                                      | 5890                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 300                                                                                      | 1867                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 350                                                                                      | 5892                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 400                                                                                      | 1868                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 450                                                                                      | 1025                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 500                                                                                      | 1869                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 600                                                                                      | 1870                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 700                                                                                      | 2706                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 800                                                                                      | 1549                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                            |                                                                                                             | 1000                                                                                     | 1550                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |

|  Female                           |  Compression |        |           |                        |                             |                   |                     |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings                                                                                                             | DN - Ø Int.<br>Ø Exterior                                                                       | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| <br>F 3/8"<br>- Bicone<br>Ø10 mm  | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                      | 200    | 571       | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                                                                                                                      |                                                                                                 | 250    | 572       |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 300    | 5844      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 |        |           |                        |                             |                   |                     |
| F 1/2"<br>- Bicone<br>Ø10 mm                                                                                         | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                      | 200    | 581       | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                                                                                                                      |                                                                                                 | 300    | 5846      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 |        |           |                        |                             |                   |                     |
| <br>F 3/8"<br>- Elbow<br>F 3/8"  | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                      | 200    | 6842      | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                                                                                                                      |                                                                                                 | 250    | 2358      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 300    | 3818      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 350    | 2360      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 400    | 2361      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 500    | 5850      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 600    | 2560      |                        |                             |                   |                     |
| F 1/2"<br>- Elbow<br>F 1/2"                                                                                          | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                      | 250    | 2372      | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                                                                                                                      |                                                                                                 | 300    | 6660      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 350    | 2374      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 400    | 6875      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 500    | 6659      |                        |                             |                   |                     |
| <br>M 1/2"<br>- Elbow<br>F 1/2" | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                      | 300    | 1118      | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                                                                                                                      |                                                                                                 | 600    | 2561      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 1000   | 6662      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 |        |           |                        |                             |                   |                     |
| <br>F 1/2"<br>- Valve<br>M 1/2" | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                      | 200    | 2301      | 10 / bag<br>100 / box  | 29 l. / min.<br>6 mm        | 30 mm             | 10 bar<br>90°C      |
|                                                                                                                      |                                                                                                 | 300    | 2303      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 400    | 2305      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 | 500    | 2307      |                        |                             |                   |                     |
|                                                                                                                      |                                                                                                 |        |           |                        |                             |                   |                     |

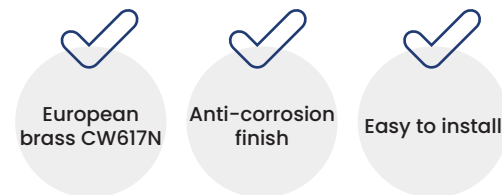
Check existing certifications  
Other lengths available: see page 197



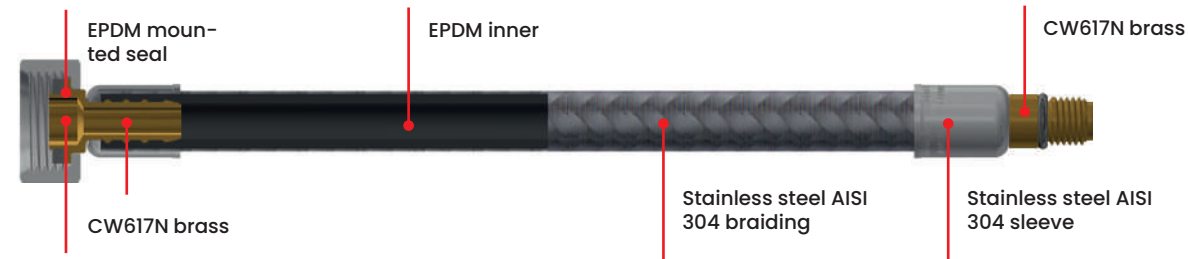
# TAQ GRIF DN8



## Applications



## Materials



## Certifications



UNE - EN 13618

\*Certified according to UNE  
- EN 13618 10 bar 70°C  
Tested in laboratory 90°C



|  Female   |  Grif                      |                                                                                            |                                                                                               |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| F 3/8"<br>- M 10x1 L17                                                                       | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 300                                                                                        | 5962                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 350                                                                                        | 6752                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 5718                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 5956                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 3834                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 4946                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 4335                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4609                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 1/2"<br>- M 10x1 L17                                                                       | DN8 8 mm<br>11,5 mm                                                                                           | 300                                                                                        | 3964                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 350                                                                                        | 4266                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 4267                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 4268                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 4269                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 1576                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 4644                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 5535                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1200                                                                                       | 6100                                                                                          | 1 / bag<br>25 / box                                                                                        |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1500                                                                                       | 9255                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 10x1 L37                                                                       | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 300                                                                                        | 5851                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 350                                                                                        | 6753                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 5802                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 7062                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 3833                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 1574                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 4336                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4610                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 10x1 L50                                                                       | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 300                                                                                        | 7057                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 350                                                                                        | 6754                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 7061                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 7063                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 4753                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 700                                                                                        | 4945                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 4754                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4755                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1200                                                                                       | 5156                                                                                          | 1 / bag<br>25 / box                                                                                        |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 8x1 L17                                                                        | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 300                                                                                        | 6121                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 500                                                                                        | 5987                                                                                          |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/8"<br>- M 12x1 L12,5**                                                                   | DN8 8 mm<br>Ø Ext. 11,5 mm                                                                                    | 300                                                                                        | 9494                                                                                          | 10 / bag<br>100 / box                                                                                      | 29 l. / min.<br>6 mm                                                                                            | 30 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 400                                                                                        | 202331                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| ADAPTER M10X1 TO M8X1<br>(Nickel plated)                                                     |                                                                                                               |                                                                                            | 206390                                                                                        | 2 / bag<br>250 / box                                                                                       |                                                                                                                 |                                                                                                       |                                                                                                         |

Other lengths available: see page 198

# PULL OUT TWIST DN8



European brass CW617N

Anti-corrosion braiding & finish

Recommended for coastal areas

Polymer braiding

Extremely flexible. No kinking

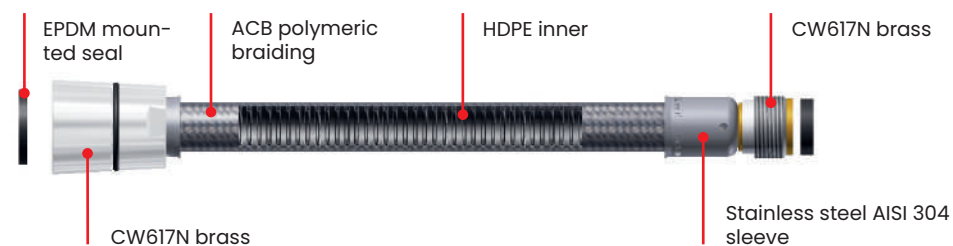
H<sub>2</sub>O potable

Applications

## Certifications



## Materials



| Female conical  |                        | 15x1 male thread |           |                     |                          |                |                  |
|-----------------|------------------------|------------------|-----------|---------------------|--------------------------|----------------|------------------|
| Fittings        | DN - Ø Int. Ø Exterior | Length           | Reference | Units per packaging | Flow rate Ø Int. passage | Bending Radius | Bar/Temp Service |
| F 1/2" - M 15x1 | DN8 8 mm Ø Ext. 13 mm  | 1500             | 203352    | 1 / bag 50 / box    | 18 l. / min. 6,2 mm      | 25 mm          | 5 bar 70°C       |







# Aerators

|                                                             |    |
|-------------------------------------------------------------|----|
| M24 aerators: 50% / antibacterial / anti-theft M24 aerators | 54 |
| Aerators - H22 50%                                          | 54 |
| Adjustable aerators - 50%                                   | 54 |
| Restrictor, bidet ball joint, kits, shower extensions       | 55 |
| ST aerators                                                 | 55 |



# AERATORS



## Applications



| 50% water saving |                |                          |        |                                                                      |                |                                           |        |
|------------------|----------------|--------------------------|--------|----------------------------------------------------------------------|----------------|-------------------------------------------|--------|
| Aerator M24 50%  | Packaging type | Units per bag            | #      | Adjustable aerator with two positions H22: shower and savings of 50% | Packaging type | Units per bag                             | #      |
|                  | Blister        | 1                        | 201997 |                                                                      | Blister        | 1                                         | 207484 |
|                  | Box            | 10                       | 201998 |                                                                      |                |                                           |        |
| Aerator H22 50%  | Packaging type | Units per bag            | #      | Two-position adjustable aerator M24: shower and savings of 50%       | Packaging type | Units per bag                             | #      |
|                  | Blister        | 1                        | 201999 |                                                                      | Blister        | 1                                         | 207483 |
|                  | Box            | 10                       | 202000 |                                                                      |                |                                           |        |
| Kit M24 50%      | Packaging type | Units per bag            | #      | Kit M24 + H22 50%                                                    | Packaging type | Units per bag                             | #      |
|                  | Blister        | 2 units M24 50% + wrench | 202001 |                                                                      | Blister        | 3 units M24 50% + 1 unit H22 50% + wrench | 202002 |

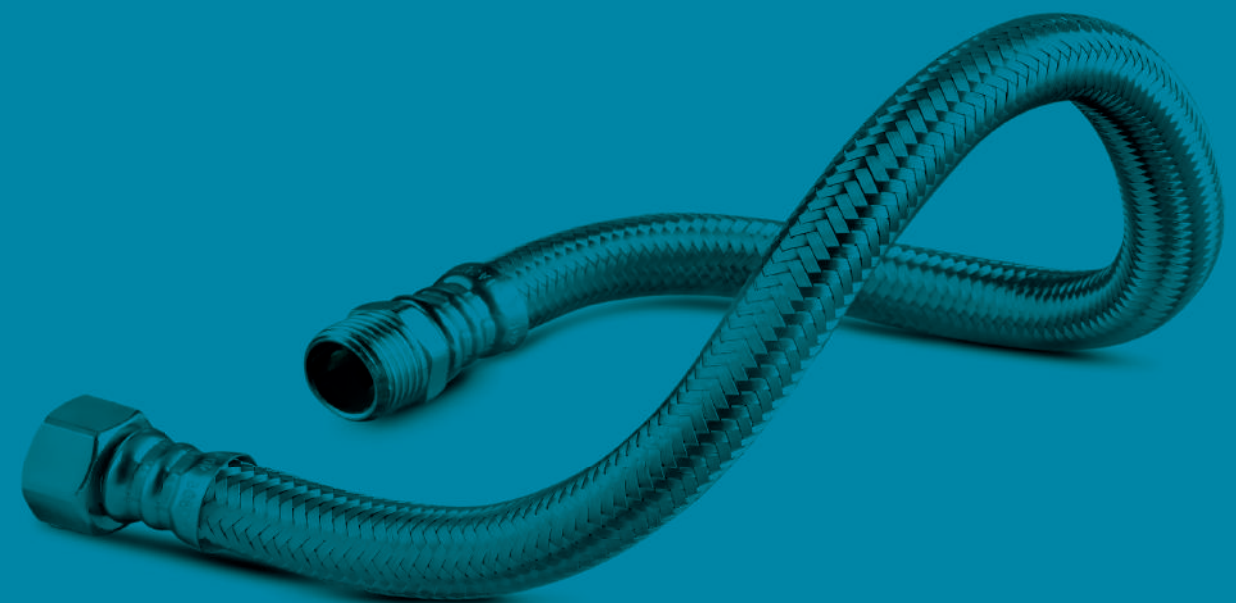
| Limiter 9 l/min                 | Packaging type | Units per bag | #      | M24 aerator antibacterial | Packaging type | Units per bag | #      |
|---------------------------------|----------------|---------------|--------|---------------------------|----------------|---------------|--------|
|                                 | Blister        | 1             | 202004 |                           | Blister        | 1             | 202007 |
| Ball joint Bidet                | Packaging type | Units per bag | #      | Aerator ST M24            | Packaging type | Units per bag | #      |
|                                 | Blister        | 1             | 202009 |                           | Blister        | 1             | 202892 |
|                                 |                |               |        |                           | Box            | 10            | 202895 |
| Shower extension / Foaming      | Packaging type | Units per bag | #      | Aerator ST H22            | Packaging type | Units per bag | #      |
|                                 | Blister        | 1             | 202005 |                           | Blister        | 1             | 202893 |
|                                 |                |               |        |                           | Box            | 10            | 202896 |
| Shower extension / Sprayer      | Packaging type | Units per bag | #      | Aerator ST M28            | Packaging type | Units per bag | #      |
|                                 | Blister        | 1             | 202006 |                           | Blister        | 1             | 202894 |
| M24 anti-theft aerator with key | Packaging type | Units per bag | #      |                           |                |               |        |
|                                 | Blister        | 1             | 202008 |                           |                |               |        |





# Water heater

|                     |    |
|---------------------|----|
| Super Twist O2B ACB | 58 |
| Super ACB           | 65 |
| Super               | 68 |
| Super (Elbow)       | 71 |

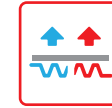




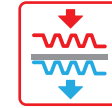
# TWIST O2B ACB DN13-50 Oxygen barrier



## Wide range of applications:



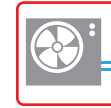
Underfloor heating



Chilled ceilings



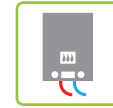
Industrial pumps



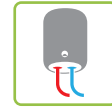
Air conditionings



Fan coils



Water heaters



Boilers

## Braiding

### Polymeric ACB

- Connector protectioned against corrosion
- Suitable for humid environments



## Inner liner

### Corrugated structure:

- Guarantees a constant flow
- 100% leak-proof

### PE-RT material:

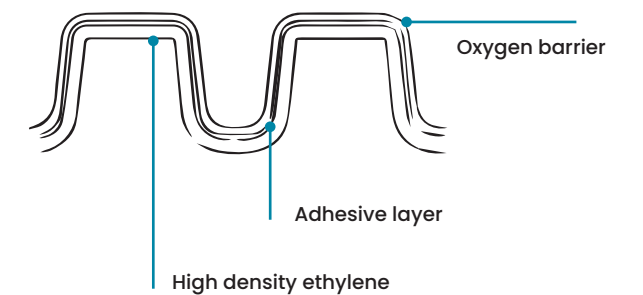
- Optimal bending radius. Prevents the hose from kinking
- Facilitates installation in small spaces
- Resistant to temperatures of 90° in continuous work (tested at 110° for 1,000 hours at 6 bar pressure).

## O2B – Oxygen barrier

- Prevents oxidation or corrosion
- Prevents the growth of Biofilm and Iodine
- Prolongs the life of closed circuit appliances closed circuits
- 3 layers - oxygen barrier

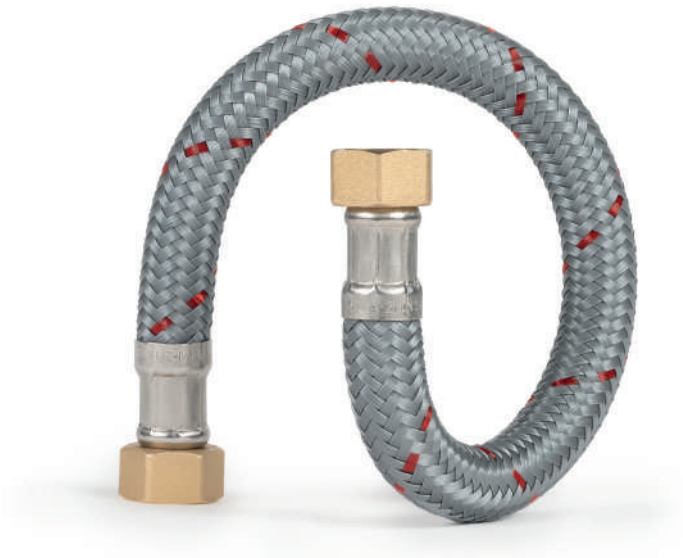
The ideal solution  
for HVAC installations

Extreme flexibility  
No kinking  
Guaranteed flow rate

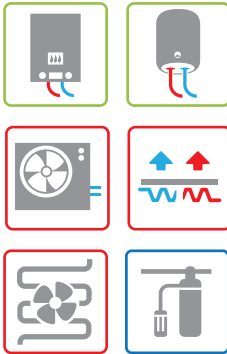




SUPER TWIST O2B ACB DN13

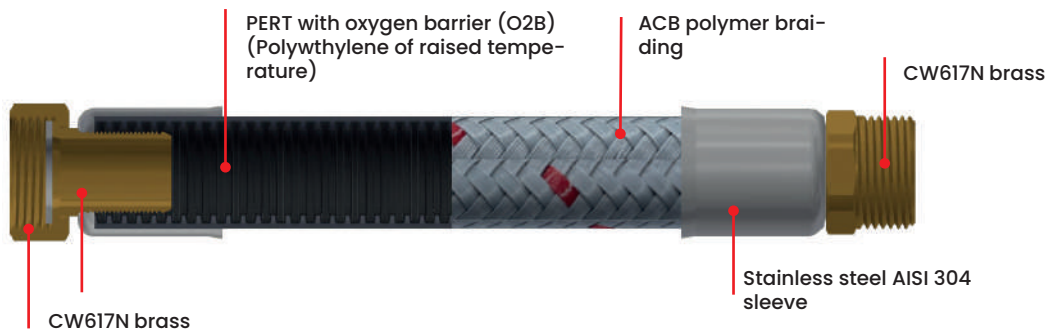


Applications



- ✓ European brass CW617N
- ✓ DIN4726 3 layer oxygen barrier
- ✓ Anti-corrosion braiding & finish
- ✓ Ideal for insulation
- ✓ Antibacterial
- ✓ Extreme flexibility

Materials



Certifications



Thanks to its oxygen barrier according to DIN4726, this product prolongs the life and complies with the warranty of water heaters and boilers.



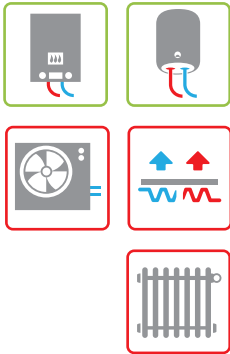
|  Female   |                                                                                                                 |  Female |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| F 1/2"<br>- F 1/2"                                                                             | DN13 13 mm<br>Ø Ext. 17,5 mm                                                                                    | 300                                                                                          | 210169                                                                                          | 10 / bag<br>100 / box                                                                                        | 65 l. / min.<br>10 mm                                                                                             | 25 mm                                                                                                   | Sanitary<br>16 bar/ 70°C<br><br>Heating<br>12 bar/ 90°C                                                   |
|                                                                                                |                                                                                                                 | 400                                                                                          | 210170                                                                                          | 10 / bag<br>50 / box                                                                                         |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 500                                                                                          | 210171                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 600                                                                                          | 210172                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 800                                                                                          | 210173                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                |                                                                                                                 | 1000                                                                                         | 210174                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |

|  Male |                              |  Female |        |                       |                       |       |                                                         |
|--------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------|--------|-----------------------|-----------------------|-------|---------------------------------------------------------|
| M 1/2"<br>- F 1/2"                                                                         | DN13 13 mm<br>Ø Ext. 17,5 mm | 300                                                                                          | 210175 | 10 / bag<br>100 / box | 65 l. / min.<br>10 mm | 30 mm | Sanitary<br>16 bar/ 70°C<br><br>Heating<br>12 bar/ 90°C |
|                                                                                            |                              | 400                                                                                          | 210176 | 10 / bag<br>50 / box  |                       |       |                                                         |
|                                                                                            |                              | 500                                                                                          | 210177 |                       |                       |       |                                                         |
|                                                                                            |                              | 600                                                                                          | 210178 |                       |                       |       |                                                         |
|                                                                                            |                              | 800                                                                                          | 210179 |                       |                       |       |                                                         |
|                                                                                            |                              | 1000                                                                                         | 210180 |                       |                       |       |                                                         |

SUPER TWIST DN13

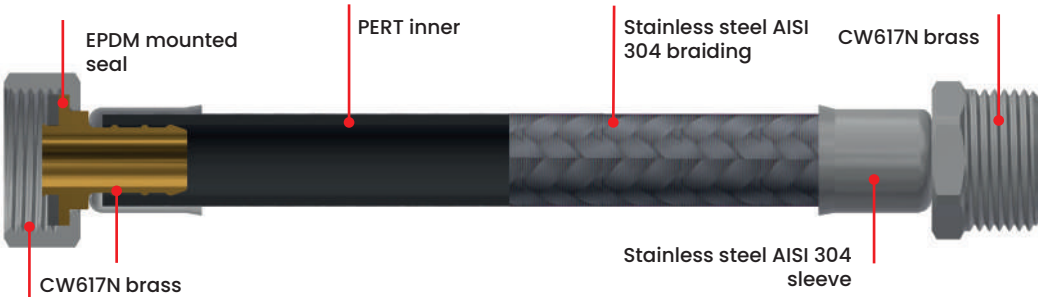


Applications



- European brass CW617N
- Easy installation
- Extreme flexibility
- Antibacterial
- No kinking
- 100% leak tested

Materials



Certifications



| Female Female      |                              |        |           |                        |                             |                   |                                                       |
|--------------------|------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|-------------------------------------------------------|
| Fittings           | DN - Ø Int.<br>Ø Exterior    | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                                   |
| F 1/2"<br>- F 1/2" | DN13 13 mm<br>Ø Ext. 17,5 mm | 200    | 204671    | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 30 mm             | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C* |
|                    |                              | 300    | 204673    |                        |                             |                   |                                                       |
|                    |                              | 400    | 204675    |                        |                             |                   |                                                       |
|                    |                              | 500    | 204677    |                        |                             |                   |                                                       |
|                    |                              | 600    | 204678    |                        |                             |                   |                                                       |
|                    |                              | 700    | 204679    |                        |                             |                   |                                                       |
|                    |                              | 800    | 204681    |                        |                             |                   |                                                       |
|                    |                              | 1000   | 204682    |                        |                             |                   |                                                       |
| F 3/4"<br>- F 1/2" | DN13 13 mm<br>Ø Ext. 17,5 mm | 1200   | 204683    | 10 / bag<br>20 / box   | 70 l. / min.<br>9,8 mm      | 30 mm             | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C  |
|                    |                              | 1500   | 204684    |                        |                             |                   |                                                       |
|                    |                              | 200    | 207524    | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 30 mm             | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C  |
|                    |                              | 300    | 207525    |                        |                             |                   |                                                       |
|                    |                              | 400    | 207526    |                        |                             |                   |                                                       |
| F 3/4"<br>- F 3/4" | DN13 13 mm<br>Ø Ext. 17,5 mm | 500    | 207527    |                        |                             |                   |                                                       |
|                    |                              | 600    | 207528    |                        |                             |                   |                                                       |
|                    |                              | 300    | 205819    | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 30 mm             | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C  |
|                    |                              | 500    | 205820    |                        |                             |                   |                                                       |
|                    | DN13 13 mm<br>Ø Ext. 17,5 mm | 700    | 205821    |                        |                             |                   |                                                       |
|                    |                              | 1000   | 205822    |                        |                             |                   |                                                       |

|  | Male                         | Female |  |                       |                        |       |                                                      |
|---------------------------------------------------------------------------------------|------------------------------|--------|---------------------------------------------------------------------------------------|-----------------------|------------------------|-------|------------------------------------------------------|
| M 1/2"<br>- F 1/2"                                                                    | DN13 13 mm<br>Ø Ext. 17,5 mm | 200    | 204685                                                                                | 10 / bag<br>100 / box | 70 l. / min.<br>9,8 mm | 30 mm | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C |
|                                                                                       |                              | 300    | 204687                                                                                | 10 / bag<br>50 / box  |                        |       |                                                      |
|                                                                                       |                              | 400    | 204689                                                                                |                       |                        |       |                                                      |
|                                                                                       |                              | 500    | 204691                                                                                |                       |                        |       |                                                      |
|                                                                                       |                              | 600    | 204692                                                                                |                       |                        |       |                                                      |
|                                                                                       |                              | 700    | 204693                                                                                |                       |                        |       |                                                      |
|                                                                                       |                              | 800    | 204695                                                                                | 10 / bag<br>20 / box  |                        |       |                                                      |
|                                                                                       |                              | 1000   | 204696                                                                                |                       |                        |       |                                                      |
|                                                                                       |                              | 1200   | 204697                                                                                |                       |                        |       |                                                      |
| 1500                                                                                  | 204698                       |        |                                                                                       |                       |                        |       |                                                      |
| M 3/4"<br>- F 3/4"                                                                    | DN13 13 mm<br>Ø Ext. 17,5 mm | 300    | 205823                                                                                | 10 / bag<br>100 / box | 70 l. / min.<br>9,8 mm | 30 mm | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C |
|                                                                                       |                              | 500    | 205824                                                                                | 10 / bag<br>50 / box  |                        |       |                                                      |
|                                                                                       |                              | 700    | 205825                                                                                |                       |                        |       |                                                      |
|                                                                                       |                              | 1000   | 205826                                                                                |                       |                        |       |                                                      |

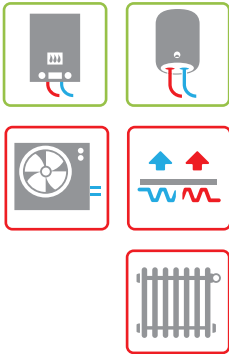


INDEXATS

# SUPER TWIST ELBOW



Applications

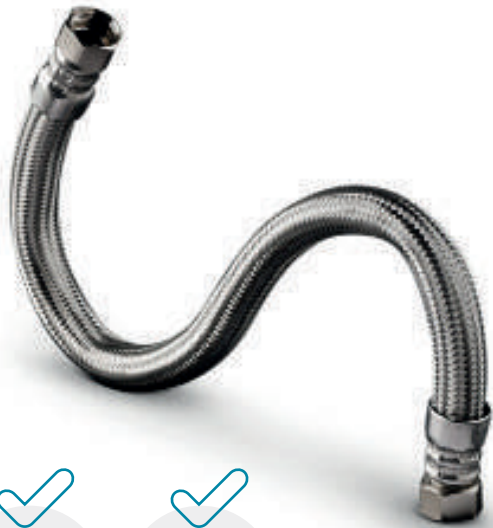


| Fittings                        | DN - Ø Int.<br>Ø Exterior    | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                                  |
|---------------------------------|------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|------------------------------------------------------|
| <br>F 1/2"<br>- Elbow<br>F 1/2" | DN13 13 mm<br>Ø Ext. 17,5 mm | 300    | 208326    | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 30 mm             | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C |
|                                 |                              | 500    | 208327    | 10 / bag<br>40 / box   |                             |                   |                                                      |
|                                 |                              | 800    | 208328    | 10 / bag<br>30 / box   |                             |                   |                                                      |
|                                 |                              | 1000   | 208329    | 1 / bulk<br>20 / box   |                             |                   |                                                      |
|                                 |                              | 1500   | 208330    | 1 / bulk<br>15 / box   |                             |                   |                                                      |
|                                 |                              | 2000   | 208331    |                        |                             |                   |                                                      |

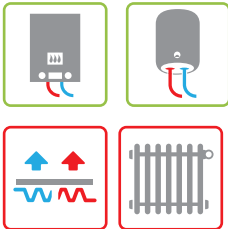
| Fittings                        | DN - Ø Int.<br>Ø Exterior    | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                                  |
|---------------------------------|------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|------------------------------------------------------|
| <br>M 1/2"<br>- Elbow<br>F 1/2" | DN13 13 mm<br>Ø Ext. 17,5 mm | 300    | 208320    | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 30 mm             | Sanitary<br>16 bar / 70°C<br>Heating<br>12 bar/ 90°C |
|                                 |                              | 500    | 208321    | 10 / bag<br>40 / box   |                             |                   |                                                      |
|                                 |                              | 800    | 208322    | 10 / bag<br>30 / box   |                             |                   |                                                      |
|                                 |                              | 1000   | 208323    | 1 / bulk<br>20 / box   |                             |                   |                                                      |
|                                 |                              | 1500   | 208324    | 1 / bulk<br>15 / box   |                             |                   |                                                      |
|                                 |                              | 2000   | 208325    |                        |                             |                   |                                                      |

Other lengths available: see page 201

# SUPER TWIST DN15



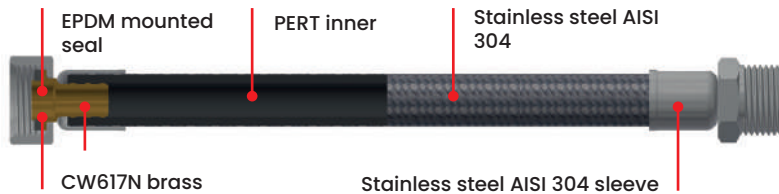
Applications



Certifications



Materials

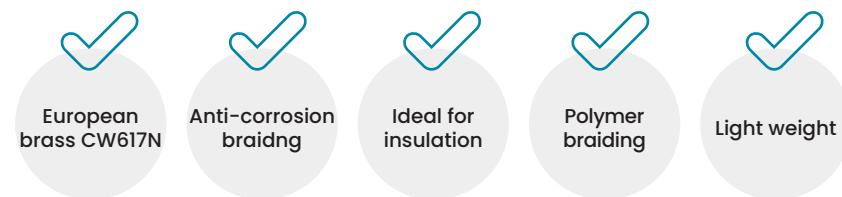
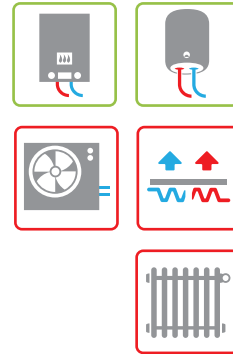


| Fittings           | DN - Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
|--------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| F 1/2"<br>- F 1/2" | DN15 15 mm<br>Ø Ext. 21 mm | 300    | 6625      | 5 / bag<br>50 / box    | 100 l. / min.<br>12,3 mm    | 55 mm             | 16 bar<br>110°C     |
|                    |                            | 400    | 2281      |                        |                             |                   |                     |
|                    |                            | 500    | 6646      |                        |                             |                   |                     |
|                    |                            | 700    | 6648      |                        |                             |                   |                     |
|                    |                            | 800    | 8201      |                        |                             |                   |                     |
|                    |                            | 1000   | 6669      |                        |                             |                   |                     |
| F 3/4"<br>- F 3/4" | DN8 8 mm<br>Ø Ext. 12 mm   | 300    | 6671      | 5 / bag<br>50 / box    | 100 l. / min.<br>12,3 mm    | 55 mm             | 16 bar<br>110°C     |
|                    |                            | 400    | 8185      |                        |                             |                   |                     |
|                    |                            | 500    | 8190      |                        |                             |                   |                     |
|                    |                            | 700    | 8199      |                        |                             |                   |                     |
|                    |                            | 800    | 8203      |                        |                             |                   |                     |
|                    |                            | 1000   | 8208      |                        |                             |                   |                     |
| M 1/2"<br>- F 1/2" | DN8 8 mm<br>Ø Ext. 12 mm   | 300    | 6645      | 5 / bag<br>50 / box    | 100 l. / min.<br>12,3 mm    | 55 mm             | 16 bar<br>110°C     |
|                    |                            | 400    | 8184      |                        |                             |                   |                     |
|                    |                            | 500    | 6647      |                        |                             |                   |                     |
|                    |                            | 700    | 6649      |                        |                             |                   |                     |
|                    |                            | 800    | 8202      |                        |                             |                   |                     |
|                    |                            | 1000   | 6670      |                        |                             |                   |                     |

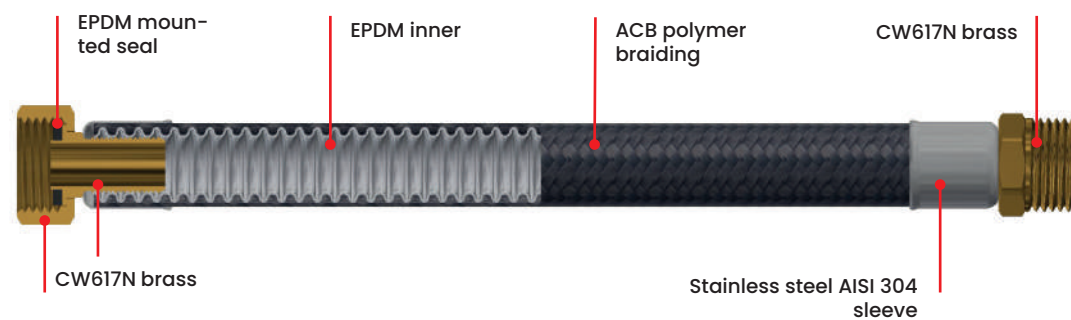
# SUPER ACB DN13



## Applications



## Materials



## Certifications



UNE - EN 13618

\*Certified according to UNE  
- EN 13618 10 bar 70°C  
Laboratory tested 110°C 6bar

|  Male     |  Female                    |                                                                                            |                                                                                               |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| F 1/2"<br>- F 1/2"                                                                           | DN13 13 mm<br>Ø Ext. 19 mm                                                                                    | 250                                                                                        | 201050                                                                                        | 10 / bag                                                                                                   | 70 l. / min.<br>9,8 mm                                                                                          | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 300                                                                                        | 201051                                                                                        | 100 / box                                                                                                  |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 350                                                                                        | 200127                                                                                        | 10 / bag<br>50 / box                                                                                       |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 201054                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 201053                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 201802                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 205454                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 203048                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/4"<br>- F 3/4"                                                                           | DN13 13 mm<br>Ø Ext. 19 mm                                                                                    | 250                                                                                        | 201056                                                                                        | 10 / bag<br>50 / box                                                                                       | 70 l. / min.<br>9,8 mm                                                                                          | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 300                                                                                        | 201057                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 350                                                                                        | 200125                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 400                                                                                        | 201058                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 201059                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 600                                                                                        | 201803                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 800                                                                                        | 205455                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 202347                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
| F 3/4"<br>- F 1/2"                                                                           | DN13 13 mm<br>Ø Ext. 19 mm                                                                                    | 300                                                                                        | 205456                                                                                        | 10 / bag<br>100 / box                                                                                      | 70 l. / min.<br>9,8 mm                                                                                          | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                              |                                                                                                               | 400                                                                                        | 210123                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 210124                                                                                        |                                                                                                            |                                                                                                                 |                                                                                                       |                                                                                                         |

|  | Male                       | Female |  |                       |                        |       |                |
|---------------------------------------------------------------------------------------|----------------------------|--------|---------------------------------------------------------------------------------------|-----------------------|------------------------|-------|----------------|
| M 1/2"<br>- F 1/2"                                                                    | DN13 13 mm<br>Ø Ext. 19 mm | 150    | 210139                                                                                | 10 / bag<br>100 / box | 70 l. / min.<br>9,8 mm | 45 mm | 10 bar<br>90°C |
|                                                                                       |                            | 200    | 205457                                                                                | 10 / bag<br>50 / box  |                        |       |                |
|                                                                                       |                            | 250    | 200551                                                                                | 10 / bag              |                        |       |                |
|                                                                                       |                            | 300    | 200550                                                                                | 100 / box             |                        |       |                |
|                                                                                       |                            | 350    | 200126                                                                                | 10 / bag<br>50 / box  |                        |       |                |
|                                                                                       |                            | 400    | 201052                                                                                |                       |                        |       |                |
|                                                                                       |                            | 500    | 201055                                                                                |                       |                        |       |                |
|                                                                                       |                            | 600    | 201603                                                                                |                       |                        |       |                |
|                                                                                       |                            | 800    | 201604                                                                                |                       |                        |       |                |
|                                                                                       |                            | 1000   | 201607                                                                                |                       |                        |       |                |
| M 3/4"<br>- F 3/4"                                                                    | DN13 13 mm<br>Ø Ext. 19 mm | 150    | 210140                                                                                | 10 / bag<br>50 / box  | 70 l. / min.<br>9,8 mm | 45 mm | 10 bar<br>90°C |
|                                                                                       |                            | 200    | 210141                                                                                |                       |                        |       |                |
|                                                                                       |                            | 250    | 201060                                                                                |                       |                        |       |                |
|                                                                                       |                            | 300    | 201061                                                                                |                       |                        |       |                |
|                                                                                       |                            | 350    | 200124                                                                                |                       |                        |       |                |
|                                                                                       |                            | 400    | 201062                                                                                |                       |                        |       |                |
|                                                                                       |                            | 500    | 201063                                                                                |                       |                        |       |                |
|                                                                                       |                            | 600    | 201348                                                                                |                       |                        |       |                |
|                                                                                       |                            | 800    | 201605                                                                                | 5 / bag<br>50 / box   |                        |       |                |
|                                                                                       |                            | 1000   | 201606                                                                                |                       |                        |       |                |
| M 3/4"<br>- F 1/2"                                                                    | DN13 13 mm<br>19 mm        | 400    | 210142                                                                                | 10 / bag<br>50 / box  | 70 l. / min.<br>9,8 mm | 45 mm | 10 bar<br>90°C |
| M 1/2"<br>- F 3/4"                                                                    | DN13 13 mm<br>Ø Ext. 19 mm | 200    | 210132                                                                                | 10 / bag<br>50 / box  | 70 l. / min.<br>9,8 mm | 45 mm | 10 bar<br>90°C |
|                                                                                       |                            | 250    | 210133                                                                                |                       |                        |       |                |
|                                                                                       |                            | 300    | 205458                                                                                |                       |                        |       |                |
|                                                                                       |                            | 350    | 210134                                                                                |                       |                        |       |                |
|                                                                                       |                            | 400    | 205459                                                                                |                       |                        |       |                |
|                                                                                       |                            | 500    | 210135                                                                                |                       |                        |       |                |

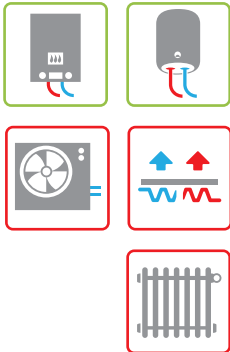
Other lengths available: see page 199



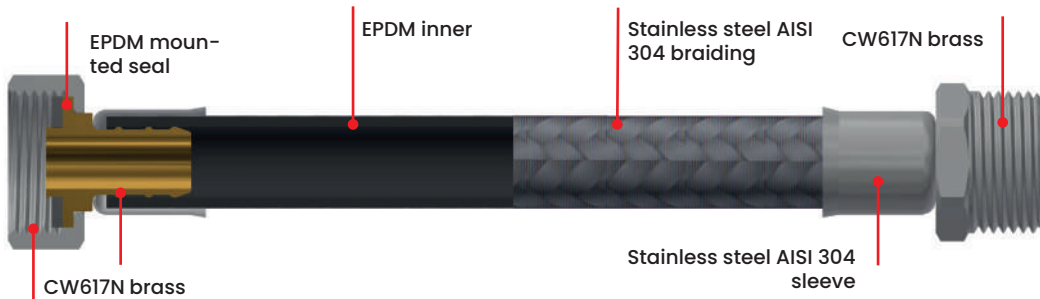
SUPER DN13



Applications



Materials



Certifications



| Female Female      |                            |        |           |                        |                             |                   |                     |
|--------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings           | DN - Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| F 1/2"<br>- F 1/2" | DN13 13 mm<br>Ø Ext. 17 mm | 150    | 5703      | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 45 mm             | 10 bar<br>90°C      |
|                    |                            | 200    | 888       |                        |                             |                   |                     |
|                    |                            | 250    | 889       |                        |                             |                   |                     |
|                    |                            | 300    | 5704      |                        |                             |                   |                     |
|                    |                            | 350    | 891       |                        |                             |                   |                     |
|                    |                            | 400    | 7109      |                        |                             |                   |                     |
|                    |                            | 450    | 1414      |                        |                             |                   |                     |
|                    |                            | 500    | 1432      |                        |                             |                   |                     |
|                    |                            | 600    | 5484      |                        |                             |                   |                     |
|                    |                            | 700    | 5705      |                        |                             |                   |                     |
|                    |                            | 800    | 5461      |                        |                             |                   |                     |
|                    |                            | 1000   | 5493      |                        |                             |                   |                     |
| F 3/4"<br>- F 3/4" | DN13 13 mm<br>Ø Ext. 17 mm | 1200   | 8028      | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 45 mm             | 10 bar<br>90°C      |
|                    |                            | 1500   | 5577      |                        |                             |                   |                     |
|                    |                            | 2000   | 9162      |                        |                             |                   |                     |
| F 3/4"<br>- F 3/4" | DN13 13 mm<br>Ø Ext. 17 mm | 150    | 852       | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 45 mm             | 10 bar<br>90°C      |
|                    |                            | 200    | 853       |                        |                             |                   |                     |
|                    |                            | 250    | 854       |                        |                             |                   |                     |
|                    |                            | 300    | 5708      |                        |                             |                   |                     |
|                    |                            | 350    | 856       |                        |                             |                   |                     |
|                    |                            | 400    | 7125      |                        |                             |                   |                     |
|                    |                            | 450    | 436       |                        |                             |                   |                     |
|                    |                            | 500    | 1439      |                        |                             |                   |                     |
|                    |                            | 600    | 7127      |                        |                             |                   |                     |
|                    |                            | 700    | 7129      |                        |                             |                   |                     |
|                    |                            | 800    | 1435      |                        |                             |                   |                     |
|                    |                            | 1000   | 5494      |                        |                             |                   |                     |
| F 3/4"<br>- F 1/2" | DN13 13 mm<br>Ø Ext. 17 mm | 1200   | 6034      | 1 / bag<br>15 / box    | 70 l. / min.<br>9,8 mm      | 45 mm             | 10 bar<br>90°C      |
|                    |                            | 1500   | 1853      |                        |                             |                   |                     |
|                    |                            | 2000   | 8388      |                        |                             |                   |                     |
| F 3/4"<br>- F 1/2" | DN13 13 mm<br>Ø Ext. 17 mm | 150    | 859       | 10 / bag<br>50 / box   | 70 l. / min.<br>9,8 mm      | 45 mm             | 10 bar<br>90°C      |
|                    |                            | 200    | 860       |                        |                             |                   |                     |
|                    |                            | 250    | 861       |                        |                             |                   |                     |
|                    |                            | 300    | 6452      |                        |                             |                   |                     |
|                    |                            | 350    | 863       |                        |                             |                   |                     |
|                    |                            | 400    | 864       |                        |                             |                   |                     |
|                    |                            | 500    | 5997      |                        |                             |                   |                     |
|                    |                            | 600    | 1091      |                        |                             |                   |                     |
|                    |                            | 800    | 2588      |                        |                             |                   |                     |
|                    |                            | 1000   | 6631      |                        |                             |                   |                     |
|                    |                            | 1200   | 5699      |                        |                             |                   |                     |

Other lengths available: see page 201

SUPER DN13



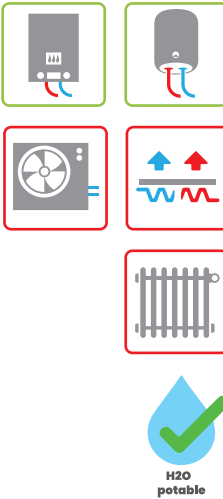
|  Male  Female   |                                                                                                             |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|  Fittings                                                                                        |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| <b>M</b> 1/2"<br>- <b>F</b> 1/2"                                                                                                                                                  | DN13 13 mm<br>Ø Ext. 17 mm                                                                                  | 150                                                                                      | 894                                                                                         | 10 / bag<br>100 / box                                                                                    | 70 l. / min.<br>9,8 mm                                                                                         | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                                                                                                                   |                                                                                                             | 200                                                                                      | 7098                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 250                                                                                      | 896                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 300                                                                                      | 1852                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 350                                                                                      | 898                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 400                                                                                      | 7110                                                                                        | 10 / bag<br>50 / box                                                                                     |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 450                                                                                      | 1888                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 500                                                                                      | 6042                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 600                                                                                      | 7111                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 700                                                                                      | 7112                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 800                                                                                      | 7113                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 1000                                                                                     | 7114                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 1200                                                                                     | 2598                                                                                        | 1 / bag<br>15 / box                                                                                      |                                                                                                                |                                                                                                       |                                                                                                         |
| 1500                                                                                                                                                                              | 6464                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 2000                                                                                                                                                                              | 8359                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M</b> 3/4"<br>- <b>F</b> 3/4"                                                                                                                                                  | DN13 13 mm<br>Ø Ext. 17 mm                                                                                  | 150                                                                                      | 866                                                                                         | 10 / bag<br>50 / box                                                                                     | 70 l. / min.<br>9,8 mm                                                                                         | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                                                                                                                   |                                                                                                             | 200                                                                                      | 867                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 250                                                                                      | 868                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 300                                                                                      | 6028                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 350                                                                                      | 870                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 400                                                                                      | 7126                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 450                                                                                      | 761                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 500                                                                                      | 6029                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 600                                                                                      | 7128                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 700                                                                                      | 6719                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 800                                                                                      | 7130                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 1000                                                                                                                                                                              | 6630                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M</b> 3/4"<br>- <b>F</b> 1/2"                                                                                                                                                  | DN13 13 mm<br>Ø Ext. 17 mm                                                                                  | 200                                                                                      | 874                                                                                         | 10 / bag<br>50 / box                                                                                     | 70 l. / min.<br>9,8 mm                                                                                         | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                                                                                                                   |                                                                                                             | 250                                                                                      | 875                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 300                                                                                      | 6626                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 350                                                                                      | 877                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 400                                                                                      | 878                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 500                                                                                      | 6629                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 600                                                                                      | 847                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M</b> 1/2"<br>- <b>F</b> 3/4"                                                                                                                                                  | DN13 13 mm<br>Ø Ext. 17 mm                                                                                  | 150                                                                                      | 880                                                                                         | 10 / bag<br>50 / box                                                                                     | 70 l. / min.<br>9,8 mm                                                                                         | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |
|                                                                                                                                                                                   |                                                                                                             | 200                                                                                      | 7137                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 250                                                                                      | 882                                                                                         |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 300                                                                                      | 6026                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 350                                                                                      | 202521                                                                                      |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 400                                                                                      | 7149                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 500                                                                                      | 6027                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 600                                                                                      | 1029                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|                                                                                                                                                                                   |                                                                                                             | 800                                                                                      | 7161                                                                                        |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| 1000                                                                                                                                                                              | 6633                                                                                                        |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
|  Male  Male |                                                                                                             |                                                                                          |                                                                                             |                                                                                                          |                                                                                                                |                                                                                                       |                                                                                                         |
| <b>M</b> 3/4"<br>- <b>M</b> 7/8"                                                                                                                                                  | DN13 13 mm<br>Ø Ext. 17 mm                                                                                  | 1427                                                                                     | 1427                                                                                        | 10 / bag<br>50 / box                                                                                     | 70 l. / min.<br>9,8 mm                                                                                         | 45 mm                                                                                                 | 10 bar<br>90°C                                                                                          |

Other lengths available: see page 201

SUPER ELBOW DN13



Applications



|  Male  Elbow     |                                                                                                                 |                                                                                              |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  Fittings                                                                                           |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>packaging |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| <b>M 1/2"</b><br>- <b>Elbow</b><br><b>F 1/2"</b>                                                                                                                                         | DN13 13 mm<br>Ø Ext. 17 mm                                                                                      | 250                                                                                          | 2379                                                                                            | 10 / bag                                                                                                     | 70 l. / min.<br>9,8 mm                                                                                            | 45 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                                                                                                          |                                                                                                                 | 300                                                                                          | 6636                                                                                            | 100 / box                                                                                                    |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 400                                                                                          | 2382                                                                                            | 10 / bag<br>50 / box                                                                                         |                                                                                                                   |                                                                                                         |                                                                                                           |
| <b>M 3/4"</b><br>- <b>Elbow</b><br><b>F 3/4"</b>                                                                                                                                         | DN13 13 mm<br>Ø Ext. 17 mm                                                                                      | 300                                                                                          | 6641                                                                                            | 10 / bag<br>50 / box                                                                                         | 70 l. / min.<br>9,8 mm                                                                                            | 45 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
| <b>M 1/2"</b><br>- <b>Elbow</b><br><b>F 3/4"</b>                                                                                                                                         | DN13 13 mm<br>Ø Ext. 17 mm                                                                                      | 250                                                                                          | 1056                                                                                            | 10 / bag<br>50 / box                                                                                         | 70 l. / min.<br>9,8 mm                                                                                            | 45 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                                                                                                          |                                                                                                                 | 300                                                                                          | 1057                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 350                                                                                          | 675                                                                                             |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 400                                                                                          | 201256                                                                                          |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|  Female  Elbow |                                                                                                                 |                                                                                              |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| <b>H 1/2"</b><br>- <b>Elbow</b><br><b>F 1/2"</b>                                                                                                                                         | DN13 13 mm<br>Ø Ext. 17 mm                                                                                      | 300                                                                                          | 6036                                                                                            | 10 / bag<br>100 / box                                                                                        | 70 l. / min.<br>9,8 mm                                                                                            | 45 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                                                                                                          |                                                                                                                 | 350                                                                                          | 2388                                                                                            | 10 / bag<br>50 / box                                                                                         |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 400                                                                                          | 6030                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 500                                                                                          | 6031                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| <b>H 3/4"</b><br>- <b>Elbow</b><br><b>F 3/4"</b>                                                                                                                                         | DN13 13 mm<br>Ø Ext. 17 mm                                                                                      | 300                                                                                          | 6212                                                                                            | 10 / bag<br>50 / box                                                                                         | 70 l. / min.<br>9,8 mm                                                                                            | 45 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                                                                                                          |                                                                                                                 | 350                                                                                          | 2402                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 400                                                                                          | 6213                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 500                                                                                          | 6640                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 600                                                                                          | 7181                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 700                                                                                          | 7183                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 800                                                                                          | 6624                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| 1000                                                                                                                                                                                     | 6432                                                                                                            |                                                                                              |                                                                                                 |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
| <b>H 1/2"</b><br>- <b>Elbow</b><br><b>F 3/4"</b>                                                                                                                                         | DN13 13 mm<br>Ø Ext. 17 mm                                                                                      | 300                                                                                          | 3610                                                                                            | 10 / bag<br>50 / box                                                                                         | 70 l. / min.<br>9,8 mm                                                                                            | 45 mm                                                                                                   | 10 bar<br>90°C                                                                                            |
|                                                                                                                                                                                          |                                                                                                                 | 350                                                                                          | 3696                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                                                                                                                          |                                                                                                                 | 400                                                                                          | 3695                                                                                            |                                                                                                              |                                                                                                                   |                                                                                                         |                                                                                                           |

Other lengths available: see page 201



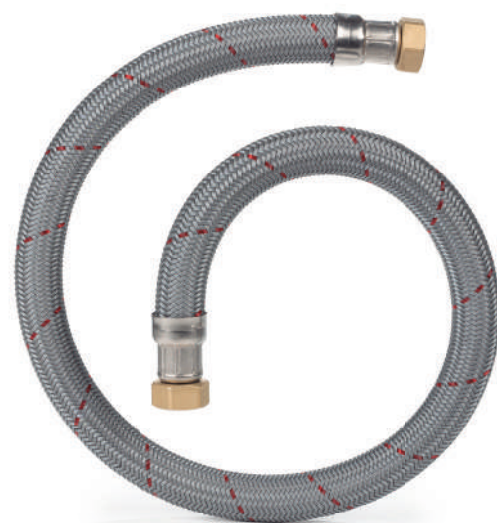


# Big diameter

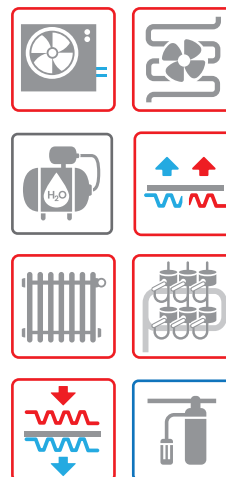
|                     |    |
|---------------------|----|
| Extra Twist O2B ACB | 74 |
| Extra Twist O2B     | 76 |
| Extra Twist (elbow) | 82 |
| River Bat           | 83 |
| River TP <b>New</b> | 84 |



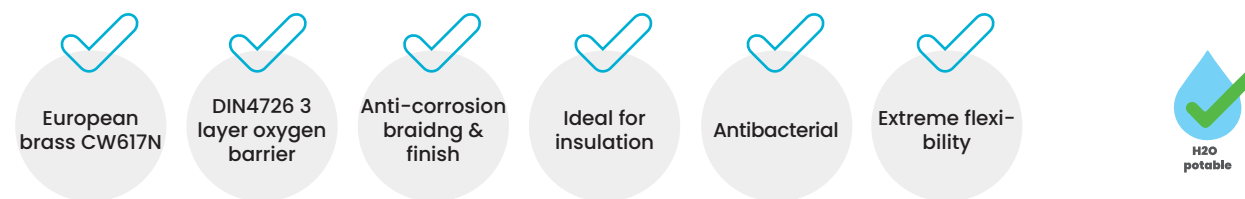
# EXTRA TWIST O2B ACB DN19-50



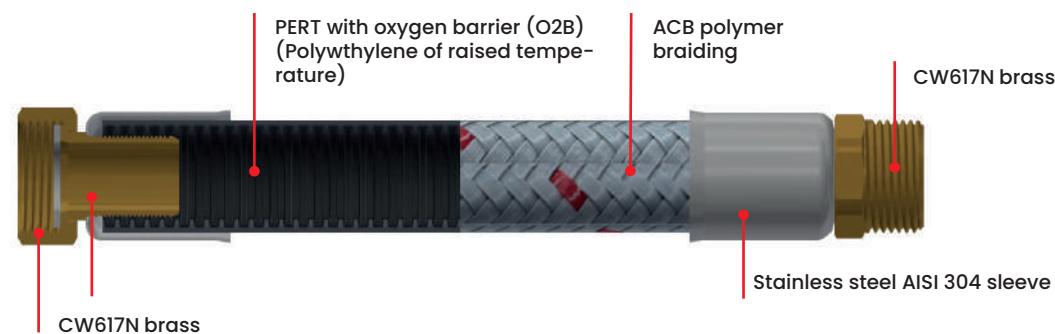
## Applications



+ info  
pág. 46



## Materials



## Certifications



**UNE - EN 13618**  
\*Certified according to UNE  
- EN 13618 10 bar 70°C  
Laboratory tested 110°C 6bar



\*\*Does not have QB certification

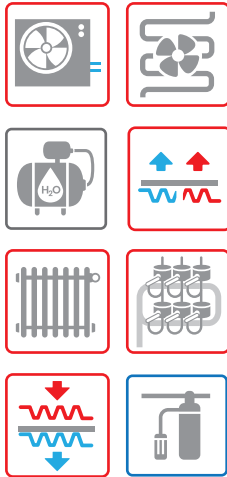
| Fittings               | DN - Ø Int.<br>Ø Exterior     | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                                   |
|------------------------|-------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|-------------------------------------------------------|
| F 3/4"<br>- F 3/4"     | DN19 19 mm<br>Ø Ext. 25 mm    | 300    | 210151    | 5 / bag<br>30 / box    | 120 l. / min.<br>16 mm      | 35 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 210152    |                        |                             |                   |                                                       |
|                        |                               | 500    | 210153    |                        |                             |                   |                                                       |
|                        |                               | 600    | 210154    |                        |                             |                   |                                                       |
|                        |                               | 800    | 210155    |                        |                             |                   |                                                       |
| F 1"<br>- F 1"         | DN26 26mm<br>Ø Ext. 32 mm     | 300    | 210157    | 3 / bag<br>21 / box    | 200 l. / min.<br>21 mm      | 45 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 210158    |                        |                             |                   |                                                       |
|                        |                               | 500    | 210159    |                        |                             |                   |                                                       |
|                        |                               | 600    | 210160    |                        |                             |                   |                                                       |
|                        |                               | 800    | 210161    |                        |                             |                   |                                                       |
| F 1 1/4"<br>- F 1 1/4" | DN32,5 32,5mm<br>Ø Ext. 40 mm | 300    | 212291    | 1 / bulk<br>9 / box    | 400 l. / min.<br>27 mm      | 60 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 212292    |                        |                             |                   |                                                       |
|                        |                               | 500    | 212293    |                        |                             |                   |                                                       |
|                        |                               | 600    | 212294    |                        |                             |                   |                                                       |
|                        |                               | 800    | 212295    |                        |                             |                   |                                                       |
| F 1 1/2"<br>- F 1 1/2" | DN40 36mm<br>Ø Ext. 44 mm     | 300    | 212303    | 1 / bulk<br>8 / box    | 650 l. / min.<br>30 mm      | 70 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 212304    |                        |                             |                   |                                                       |
|                        |                               | 500    | 212305    |                        |                             |                   |                                                       |
|                        |                               | 600    | 212306    |                        |                             |                   |                                                       |
|                        |                               | 800    | 212307    |                        |                             |                   |                                                       |
| F 2"<br>- F 2"         | DN50 48mm<br>Ø Ext. 55 mm     | 300    | 212315    | 1 / bulk<br>5 / box    | 1050 l. / min.<br>41 mm     | 100 mm            | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 212316    |                        |                             |                   |                                                       |
|                        |                               | 500    | 212317    |                        |                             |                   |                                                       |
|                        |                               | 600    | 212318    |                        |                             |                   |                                                       |
|                        |                               | 800    | 212319    |                        |                             |                   |                                                       |
| M 3/4"<br>- F 3/4"     | DN19 19 mm<br>Ø Ext. 25 mm    | 300    | 210145    | 5 / bag<br>30 / box    | 120 l. / min.<br>16 mm      | 35 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 210146    |                        |                             |                   |                                                       |
|                        |                               | 500    | 210147    |                        |                             |                   |                                                       |
|                        |                               | 600    | 210148    |                        |                             |                   |                                                       |
|                        |                               | 800    | 210149    |                        |                             |                   |                                                       |
| M 1"<br>- F 1"         | DN26 26mm<br>Ø Ext. 32 mm     | 300    | 210163    | 3 / bag<br>21 / box    | 200 l. / min.<br>21 mm      | 45 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 210164    |                        |                             |                   |                                                       |
|                        |                               | 500    | 210165    |                        |                             |                   |                                                       |
|                        |                               | 600    | 210166    |                        |                             |                   |                                                       |
|                        |                               | 800    | 210167    |                        |                             |                   |                                                       |
| M 1 1/4"<br>- F 1 1/4" | DN32,5 32,5mm<br>Ø Ext. 40 mm | 300    | 212297    | 1 / bulk<br>9 / box    | 400 l. / min.<br>27 mm      | 60 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 212298    |                        |                             |                   |                                                       |
|                        |                               | 500    | 212299    |                        |                             |                   |                                                       |
|                        |                               | 600    | 212300    |                        |                             |                   |                                                       |
|                        |                               | 800    | 212301    |                        |                             |                   |                                                       |
| M 1 1/2"<br>- F 1 1/2" | DN40 36mm<br>Ø Ext. 44 mm     | 300    | 212309    | 1 / bulk<br>8 / box    | 650 l. / min.<br>30 mm      | 70 mm             | Sanitary 16 bar<br>/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                        |                               | 400    | 212310    |                        |                             |                   |                                                       |
|                        |                               | 500    | 212311    |                        |                             |                   |                                                       |
|                        |                               | 600    | 212312    |                        |                             |                   |                                                       |
|                        |                               | 800    | 212313    |                        |                             |                   |                                                       |
| M 2"<br>- F 2"         | DN50 48mm<br>Ø Ext. 55 mm     | 300    | 212321    | 1 / bulk<br>5 / box    | 1050 l. / min.<br>41 mm     | 100 mm            | Sanitary<br>16 bar/ 70°C<br>Heating<br>12 bar/ 90°C*  |
|                        |                               | 400    | 212322    |                        |                             |                   |                                                       |
|                        |                               | 500    | 212323    |                        |                             |                   |                                                       |
|                        |                               | 600    | 212324    |                        |                             |                   |                                                       |
|                        |                               | 800    | 212325    |                        |                             |                   |                                                       |



# EXTRA TWIST O2B DN40-50



Applications



✓  
European  
brass CW617N

✓  
DIN4726 3  
layer oxygen  
barrier

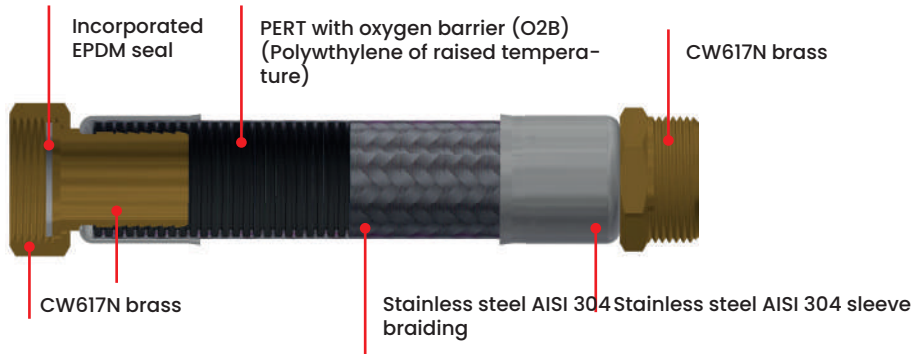
✓  
Antibacterial

✓  
Easy to  
install

✓  
Constant flow  
rate

✓  
100% leak  
tested

Materials



Certifications

**UNE - EN 13618**

\*Certified according to UNE  
- EN 13618 10 bar 70°C  
Laboratory tested 110°C 6bar

Heating

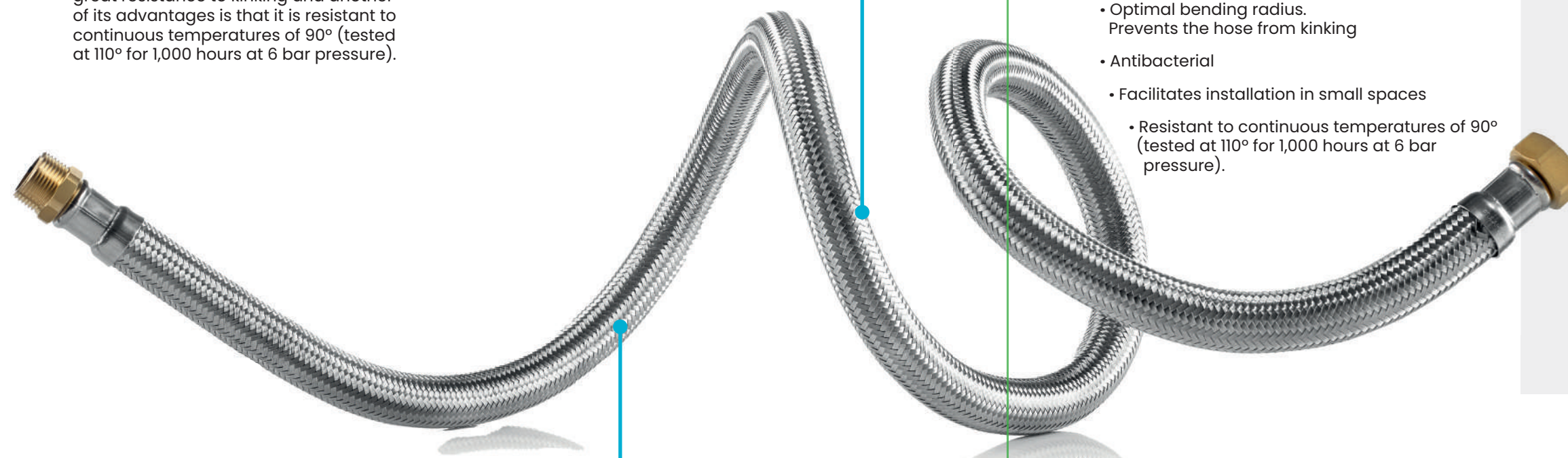
| Female Female          |                            |        |           |                        |                             |                   |                                                  |
|------------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|--------------------------------------------------|
| Fittings               | DN - Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                              |
| F 1 1/2"<br>- F 1 1/2" | DN40 36 mm<br>Ø Ext. 40 mm | 300    | 204773    | 1 / bulk<br>8 / box    | 650 l. / min.<br>30 mm      | 70 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar / 90°C* |
|                        |                            | 400    | 204775    |                        |                             |                   |                                                  |
|                        |                            | 500    | 204777    |                        |                             |                   |                                                  |
|                        |                            | 600    | 204778    |                        |                             |                   |                                                  |
|                        |                            | 700    | 204779    |                        |                             |                   |                                                  |
|                        |                            | 800    | 204781    |                        |                             |                   |                                                  |
|                        |                            | 1000   | 204782    |                        |                             |                   |                                                  |
|                        |                            | 1200   | 204783    |                        |                             |                   |                                                  |
| F 2"<br>- F 2"         | DN50 48 mm<br>Ø Ext. 55mm  | 1500   | 204784    | 1 / bulk<br>5 / box    | 1050 l. / min.<br>41 mm     | 100 mm            | Sanitary 16 bar / 70°C<br>Heating 12 bar / 90°C* |
|                        |                            | 300    | 204797    |                        |                             |                   |                                                  |
|                        |                            | 400    | 204799    |                        |                             |                   |                                                  |
|                        |                            | 500    | 204801    |                        |                             |                   |                                                  |
|                        |                            | 600    | 204802    |                        |                             |                   |                                                  |
|                        |                            | 700    | 204803    |                        |                             |                   |                                                  |
|                        |                            | 800    | 204805    |                        |                             |                   |                                                  |
|                        |                            | 1000   | 204806    |                        |                             |                   |                                                  |
| M 1 1/2"<br>- F 1 1/2" | DN40 36 mm<br>Ø Ext. 40 mm | 1200   | 204807    | 1 / bulk<br>8 / box    | 650 l. / min.<br>30 mm      | 70 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar / 90°C* |
|                        |                            | 1500   | 204808    |                        |                             |                   |                                                  |
|                        |                            | 300    | 204785    |                        |                             |                   |                                                  |
|                        |                            | 400    | 204787    |                        |                             |                   |                                                  |
|                        |                            | 500    | 204789    |                        |                             |                   |                                                  |
|                        |                            | 600    | 204790    |                        |                             |                   |                                                  |
|                        |                            | 700    | 204791    |                        |                             |                   |                                                  |
|                        |                            | 800    | 204793    |                        |                             |                   |                                                  |
| M 2"<br>- F 2"         | DN50 48 mm<br>Ø Ext. 55mm  | 1000   | 204794    | 1 / bulk<br>5 / box    | 1050 l. / min.<br>41 mm     | 100 mm            | Sanitary 16 bar / 70°C<br>Heating 12 bar / 90°C* |
|                        |                            | 1200   | 204795    |                        |                             |                   |                                                  |
|                        |                            | 1500   | 204796    |                        |                             |                   |                                                  |
|                        |                            | 300    | 204809    |                        |                             |                   |                                                  |
|                        |                            | 400    | 204811    |                        |                             |                   |                                                  |
|                        |                            | 500    | 204813    |                        |                             |                   |                                                  |
|                        |                            | 600    | 204814    |                        |                             |                   |                                                  |
|                        |                            | 700    | 204815    |                        |                             |                   |                                                  |
| M 2"<br>- F 2"         | DN50 48 mm<br>Ø Ext. 55mm  | 800    | 204817    | 1 / bulk<br>5 / box    | 1050 l. / min.<br>41 mm     | 100 mm            | Sanitary 16 bar / 70°C<br>Heating 12 bar / 90°C* |
|                        |                            | 1000   | 204818    |                        |                             |                   |                                                  |
|                        |                            | 1200   | 204819    |                        |                             |                   |                                                  |
|                        |                            | 1500   | 204820    |                        |                             |                   |                                                  |

## EXTRA TWIST

The latest generation flexible hose,  
great efficient with high flow rates

The EXTRA TWIST  
range is fully  
suitable for drinking  
water.

The EXTRA TWIST range is characterised by being extremely flexible, offering great resistance to kinking and another of its advantages is that it is resistant to continuous temperatures of 90° (tested at 110° for 1,000 hours at 6 bar pressure).



## Inner liner

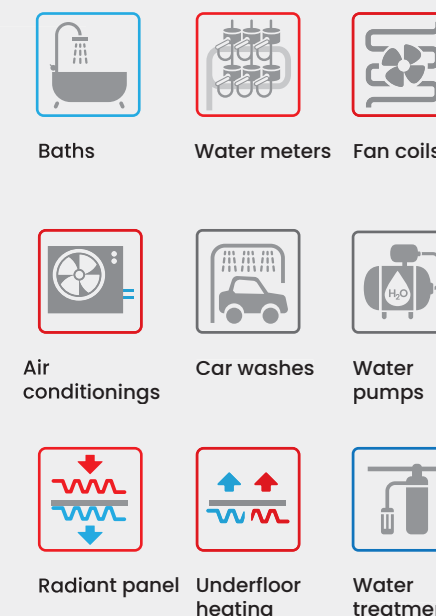
### Corrugated structure:

- Guarantees a constant flow rate
- 100% leak-proof

### PE-RT material:

- Optimal bending radius.  
Prevents the hose from kinking
- Antibacterial
- Facilitates installation in small spaces
- Resistant to continuous temperatures of 90°  
(tested at 110° for 1,000 hours at 6 bar pressure).

### Wide range of applications:



The EXTRA TWIST range is fully suitable for drinking water, thus complying with the highest sanitary requirements of the regulatory standards on products in contact with significant water, such as ACS, QB or the European Drinking Water Directive (DWD) on metals, and is also certified in Spain by AENOR (DN19-DN25).

## Braiding

### AISI 304 stainless steel

- 100% leak-proof
- Suitable for humid environments
- High resistance to chemicals  
(acids, alkaline agents, salts and solvents)

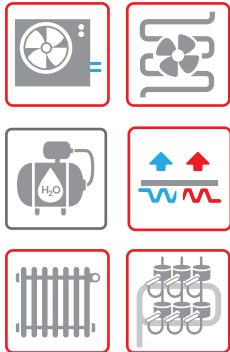
|    | acs | AENOR | DVGW | EMI | PZH | QB | RI SE | SINTEF | KTW-BWGL |
|----|-----|-------|------|-----|-----|----|-------|--------|----------|
| 19 | ✓   | ✓     | ✓    | ✓   | ✓   | ✓  | ✓     | ✓      | ✓        |
| 25 | ✓   | ✓     | ✓    | ✓   | ✓   | ✓  | ✓     | ✓      | ✓        |
| 32 | ✓   |       | ✓    |     | ✓   | ✓  | ✓     | ✓      | ✓        |
| 40 | ✓   |       |      |     | ✓   | ✓  |       |        | ✓        |
| 50 | ✓   |       |      |     | ✓   | ✓  |       |        | ✓        |



# EXTRA TWIST DN19-32

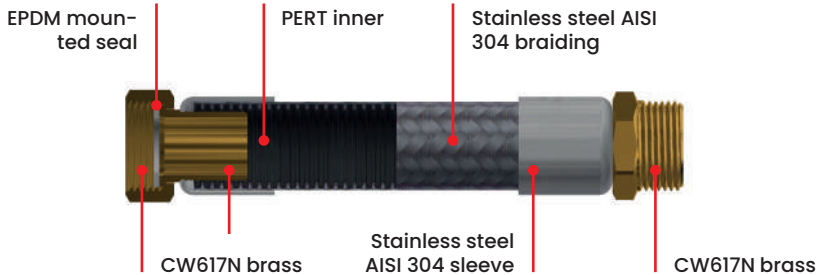


## Applications



- ✓ European brass CW617N
- ✓ Extreme flexibility
- ✓ Antibacterial
- ✓ Easy to install
- ✓ No kinking
- ✓ 100% leak tested

## Materials



## Certifications



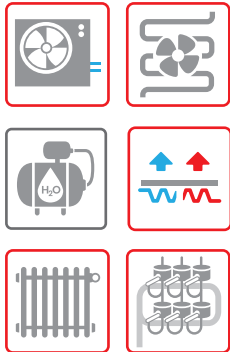
|                        | Female                        | Female |           |                        |                             |                   |                                                 |
|------------------------|-------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|-------------------------------------------------|
| Fittings               | DN - Ø Int.<br>Ø Exterior     | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                             |
| F 3/4"<br>- F 3/4"     | DN19 19 mm<br>Ø Ext. 25 mm    | 300    | 204701    | 5 / bag<br>30 / box    | 120 l. / min.<br>16 mm      | 35 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar/ 90°C* |
|                        |                               | 400    | 204703    |                        |                             |                   |                                                 |
|                        |                               | 500    | 204705    |                        |                             |                   |                                                 |
|                        |                               | 600    | 204706    |                        |                             |                   |                                                 |
|                        |                               | 700    | 204707    |                        |                             |                   |                                                 |
|                        |                               | 800    | 204709    |                        |                             |                   |                                                 |
|                        |                               | 1000   | 204710    |                        |                             |                   |                                                 |
|                        |                               | 1500   | 204712    |                        |                             |                   |                                                 |
| F 1"<br>- F 1"         | DN26 26 mm<br>Ø Ext. 32 mm    | 300    | 204725    | 3 / bag<br>21 / box    | 200 l. / min.<br>20 mm      | 45 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar/ 90°C* |
|                        |                               | 400    | 204727    |                        |                             |                   |                                                 |
|                        |                               | 500    | 204729    |                        |                             |                   |                                                 |
|                        |                               | 600    | 204730    |                        |                             |                   |                                                 |
|                        |                               | 700    | 204731    |                        |                             |                   |                                                 |
|                        |                               | 800    | 204733    |                        |                             |                   |                                                 |
|                        |                               | 1000   | 204734    |                        |                             |                   |                                                 |
|                        |                               | 1500   | 204736    |                        |                             |                   |                                                 |
| F 1 1/4"<br>- F 1 1/4" | DN32 32,5 mm<br>Ø Ext. 40 mm  | 300    | 204749    | 1 / bulk<br>9 / box    | 400 l. / min.<br>27 mm      | 60 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar/ 90°C* |
|                        |                               | 400    | 204751    |                        |                             |                   |                                                 |
|                        |                               | 500    | 204753    |                        |                             |                   |                                                 |
|                        |                               | 600    | 204754    |                        |                             |                   |                                                 |
|                        |                               | 700    | 204755    |                        |                             |                   |                                                 |
|                        |                               | 800    | 204757    |                        |                             |                   |                                                 |
|                        |                               | 1000   | 204758    |                        |                             |                   |                                                 |
|                        |                               | 1500   | 204760    |                        |                             |                   |                                                 |
|                        |                               | 2000   | 206051    |                        |                             |                   |                                                 |
|                        | Male                          | Female |           |                        |                             |                   |                                                 |
| M 3/4"<br>- F 3/4"     | DN19 19 mm<br>Ø Ext. 25 mm    | 300    | 204713    | 5 / bag<br>30 / box    | 120 l. / min.<br>15 mm      | 35 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar/ 90°C* |
|                        |                               | 400    | 204715    |                        |                             |                   |                                                 |
|                        |                               | 500    | 204717    |                        |                             |                   |                                                 |
|                        |                               | 600    | 204718    |                        |                             |                   |                                                 |
|                        |                               | 700    | 204719    |                        |                             |                   |                                                 |
|                        |                               | 800    | 204721    |                        |                             |                   |                                                 |
|                        |                               | 1000   | 204722    |                        |                             |                   |                                                 |
|                        |                               | 1500   | 204724    |                        |                             |                   |                                                 |
| M 1"<br>- F 1"         | DN26 26 mm<br>Ø Ext. 32 mm    | 300    | 204737    | 3 / bag<br>21 / box    | 200 l. / min.<br>20 mm      | 45 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar/ 90°C* |
|                        |                               | 400    | 204739    |                        |                             |                   |                                                 |
|                        |                               | 500    | 204741    |                        |                             |                   |                                                 |
|                        |                               | 600    | 204742    |                        |                             |                   |                                                 |
|                        |                               | 700    | 204743    |                        |                             |                   |                                                 |
|                        |                               | 800    | 204745    |                        |                             |                   |                                                 |
|                        |                               | 1000   | 204746    |                        |                             |                   |                                                 |
|                        |                               | 1500   | 204748    |                        |                             |                   |                                                 |
|                        |                               | 2000   | 206098    |                        |                             |                   |                                                 |
| M 1 1/4"<br>- F 1 1/4" | DN 32 32,5 mm<br>Ø Ext. 40 mm | 300    | 204761    | 1 / bulk<br>9 / box    | 400 l. / min.<br>27 mm      | 60 mm             | Sanitary 16 bar / 70°C<br>Heating 12 bar/ 90°C* |
|                        |                               | 400    | 204763    |                        |                             |                   |                                                 |
|                        |                               | 500    | 204765    |                        |                             |                   |                                                 |
|                        |                               | 600    | 204766    |                        |                             |                   |                                                 |
|                        |                               | 700    | 204767    |                        |                             |                   |                                                 |
|                        |                               | 800    | 204769    |                        |                             |                   |                                                 |
|                        |                               | 1000   | 204770    |                        |                             |                   |                                                 |
|                        |                               | 1500   | 204772    |                        |                             |                   |                                                 |

Other lengths available: see page 204

# EXTRA TWIST ELBOW DN19-26

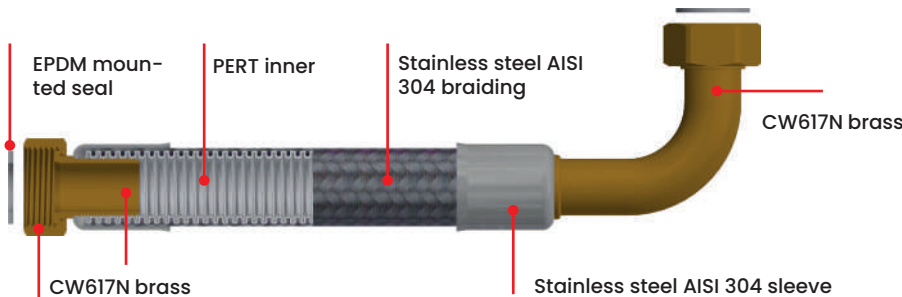


### Applications



- ✓ European brass CW617N
- ✓ Extreme flexibility
- ✓ Antibacterial
- ✓ Easy to install
- ✓ No kinking
- ✓ 100% leak tested

### Materials



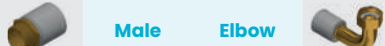
### Certifications



Consult a sales representative for specific reference certifications



|  |                            |        |           |                        |                             |                   |                                                      |
|-------------------------------------------------------------------------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|------------------------------------------------------|
| Fittings                                                                            | DN – Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service                                  |
| F 3/4"<br>- Elbow<br>F 3/4"                                                         | DN19 19 mm<br>Ø Ext. 25 mm | 300    | 208338    | 5 / bag<br>30 / box    | 120 l. / min.<br>16 mm      | 35 mm             | Sanitary<br>16 bar/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                                                                                     |                            | 500    | 208339    |                        |                             |                   |                                                      |
|                                                                                     |                            | 800    | 208340    |                        |                             |                   |                                                      |
|                                                                                     |                            | 1000   | 208341    |                        |                             |                   |                                                      |
|                                                                                     |                            | 1500   | 208342    |                        |                             |                   |                                                      |
|                                                                                     |                            | 2000   | 208343    |                        |                             |                   |                                                      |
| F 1"<br>- Elbow<br>F 1"                                                             | DN26 26 mm<br>Ø Ext. 32 mm | 300    | 208351    | 3 / bag<br>21 / box    | 200 l. / min.<br>20 mm      | 45 mm             | Sanitary<br>16 bar/ 70°C<br>Heating<br>12 bar/ 90°C* |
|                                                                                     |                            | 400    | 208352    |                        |                             |                   |                                                      |
|                                                                                     |                            | 500    | 208353    |                        |                             |                   |                                                      |
|                                                                                     |                            | 600    | 208354    |                        |                             |                   |                                                      |
|                                                                                     |                            | 700    | 208355    |                        |                             |                   |                                                      |
|                                                                                     |                            | 800    | 208356    |                        |                             |                   |                                                      |
|                                                                                     |                            | 1000   | 208358    |                        |                             |                   |                                                      |
|                                                                                     |                            | 1200   | 208359    |                        |                             |                   |                                                      |
|                                                                                     |                            | 1500   | 208360    |                        |                             |                   |                                                      |
|                                                                                     |                            | 2000   | 208361    |                        |                             |                   |                                                      |

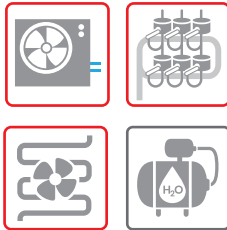
|  |                            |        |           |                        |                             |                   |                     |
|---------------------------------------------------------------------------------------|----------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| Fittings                                                                              | DN – Ø Int.<br>Ø Exterior  | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
| M 3/4"<br>- Elbow<br>F 3/4"                                                           | DN19 19 mm<br>Ø Ext. 25 mm | 300    | 208332    | 5 / bag<br>30 / box    | 120 l. / min.<br>16 mm      | 25 mm             | 10 bar<br>90°C      |
|                                                                                       |                            | 500    | 208333    |                        |                             |                   |                     |
|                                                                                       |                            | 800    | 208334    |                        |                             |                   |                     |
|                                                                                       |                            | 1000   | 208335    |                        |                             |                   |                     |
|                                                                                       |                            | 1500   | 208336    |                        |                             |                   |                     |
|                                                                                       |                            | 2000   | 208337    |                        |                             |                   |                     |
| M 3/4"<br>- Elbow<br>F 3/4"                                                           | DN26 26 mm<br>Ø Ext. 32 mm | 300    | 208344    | 3 / bag<br>21 / box    | 200 l. / min.<br>20 mm      | 45 mm             | 10 bar<br>90°C      |
|                                                                                       |                            | 500    | 208345    |                        |                             |                   |                     |
|                                                                                       |                            | 600    | 209823    |                        |                             |                   |                     |
|                                                                                       |                            | 800    | 208346    |                        |                             |                   |                     |
|                                                                                       |                            | 1000   | 208347    |                        |                             |                   |                     |
|                                                                                       |                            | 1500   | 208348    |                        |                             |                   |                     |
|                                                                                       |                            | 2000   | 208349    |                        |                             |                   |                     |



RIVER TP DN19-25



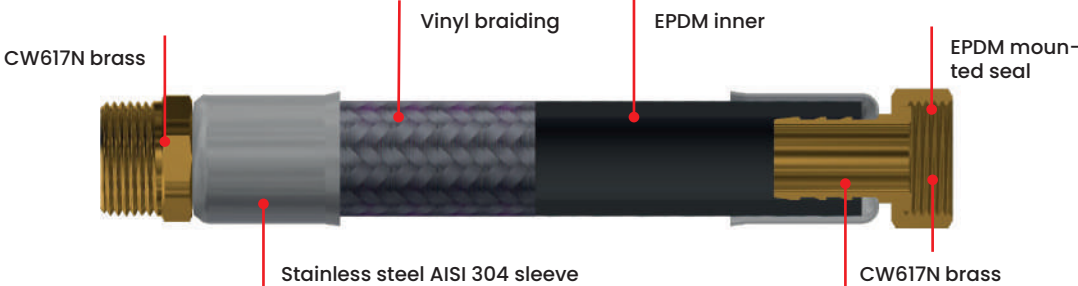
Applications



- ✓ Anti-corrosion braiding
- ✓ Ideal for insulating
- ✓ Recommended for humid environments

\* Recomendable for heating not for drinking water.

Materials



Certifications



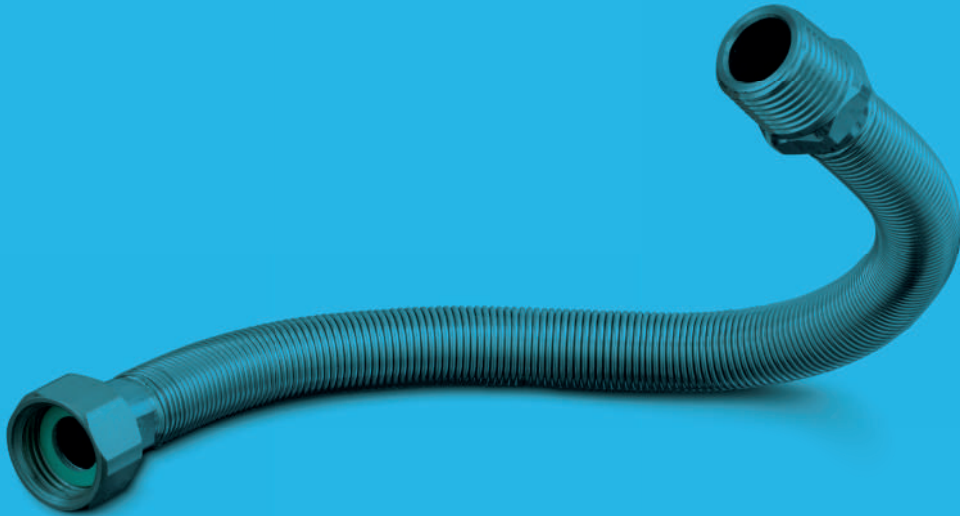
| Fittings           | DN - Ø Int.<br>Ø Exterior    | Length | Reference | Units per<br>packaging | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
|--------------------|------------------------------|--------|-----------|------------------------|-----------------------------|-------------------|---------------------|
| F 3/4"<br>- F 3/4" | DN19 19 mm<br>Ø Ext. 27 mm   | 300    | 503311    | 5 / bag<br>30 / box    | 150 l. / min.<br>15 mm      | 100 mm            | 20 bar<br>100°C     |
|                    |                              | 400    | 503312    |                        |                             |                   |                     |
|                    |                              | 500    | 503313    |                        |                             |                   |                     |
|                    |                              | 600    | 503314    |                        |                             |                   |                     |
|                    |                              | 700    | 503315    |                        |                             |                   |                     |
|                    |                              | 800    | 503316    |                        |                             |                   |                     |
| F 1"<br>- F 1"     | DN25 25 mm<br>Ø Ext. 32,5 mm | 1000   | 503317    | 3 / bag<br>21 / box    | 250 l. / min.<br>20 mm      | 130 mm            | 17 bar<br>100°C     |
|                    |                              | 300    | 503341    |                        |                             |                   |                     |
|                    |                              | 400    | 503342    |                        |                             |                   |                     |
|                    |                              | 500    | 503343    |                        |                             |                   |                     |
|                    |                              | 600    | 503344    |                        |                             |                   |                     |
|                    |                              | 700    | 503345    |                        |                             |                   |                     |
| M 3/4"<br>- F 3/4" | DN19 19 mm<br>Ø Ext. 27 mm   | 800    | 503346    | 5 / bag<br>30 / box    | 150 l. / min.<br>15,6 mm    | 100 mm            | 20 bar<br>100°C     |
|                    |                              | 1000   | 503347    |                        |                             |                   |                     |
|                    |                              | 300    | 503301    |                        |                             |                   |                     |
|                    |                              | 400    | 503302    |                        |                             |                   |                     |
|                    |                              | 500    | 503303    |                        |                             |                   |                     |
|                    |                              | 600    | 503304    |                        |                             |                   |                     |
| M 3/4"<br>- F 1"   | DN25 25 mm<br>Ø Ext. 32,5 mm | 700    | 503305    | 3 / bag<br>21 / box    | 250 l. / min.<br>20 mm      | 130 mm            | 17 bar<br>100°C     |
|                    |                              | 800    | 503306    |                        |                             |                   |                     |
|                    |                              | 1000   | 503307    |                        |                             |                   |                     |
|                    |                              | 400    | 503322    |                        |                             |                   |                     |
|                    |                              | 500    | 503323    |                        |                             |                   |                     |
|                    |                              | 600    | 503324    |                        |                             |                   |                     |
| M 1"<br>- F 1"     | DN25 25 mm<br>Ø Ext. 32,5 mm | 300    | 503331    | 3 / bag<br>21 / box    | 250 l. / min.<br>20 mm      | 130 mm            | 17 bar<br>100°C     |
|                    |                              | 400    | 503332    |                        |                             |                   |                     |
|                    |                              | 500    | 503333    |                        |                             |                   |                     |
|                    |                              | 600    | 503334    |                        |                             |                   |                     |
|                    |                              | 700    | 503335    |                        |                             |                   |                     |
|                    |                              | 800    | 503336    |                        |                             |                   |                     |
|                    |                              | 1000   | 503337    |                        |                             |                   |                     |





# Corrugated stainless steel

|                |    |
|----------------|----|
| Kit River inox | 88 |
| River inox     | 90 |

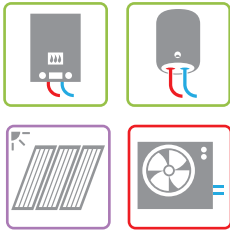




KIT RIVER INOX DN12-20  
EXTENSIBLE

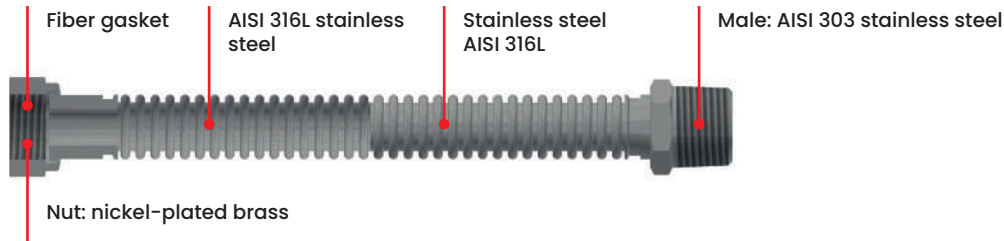


Applications



- ✓ DIN4726 - oxygen barrier
- ✓ Can be heat insulated\*
- ✓ High resistance to corrosion and temperature (+300°C)
- ✓ Suitable for SOLAR\*\*
- ✓ Extreme flexibility. Does not kink

Materials



Certifications



\*Heat insulation, consult manufacturer's instructions  
\*\*SOLAR requires special gaskets

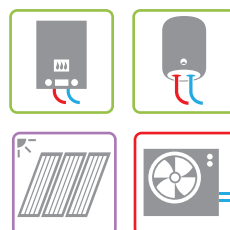


| Model                                       | Fittings                            | DN - Ø Int. / Ø Exterior       | Length  | Reference | Units per packaging | Max. pressure |
|---------------------------------------------|-------------------------------------|--------------------------------|---------|-----------|---------------------|---------------|
| <br>KIT RIVER INOX EXTENSIBLE GAS HEATERS   | 1 PRESINOX -EXT F1/2" - F3/4" (GAS) | DN12 12,2 mm<br>Ø Ext. 16,9 mm | 220/375 | 205930    | 1 / bag<br>10 / box | 10 bar        |
|                                             | 2 RIVER-INOX -EXT M1/2" - F1/2"     |                                | 200/400 |           |                     | 10 bar        |
|                                             | 2 RIVER-INOX -EXT M3/4" - F3/4"     | DN20 19,1 mm<br>Ø Ext. 25 mm   |         |           |                     | 10 bar        |
| <br>KIT RIVER INOX EXTENSIBLE WATER HEATERS | 2 RIVER-INOX -EXT M1/2" - F1/2"     | DN12 12,2 mm<br>Ø Ext. 16,9 mm | 250/500 | 206241    | 1 / bag<br>10 / box | 10 bar        |
|                                             | 2 RIVER-INOX -EXT M3/4" - F3/4"     | DN20 19,1 mm<br>Ø Ext. 25 mm   |         |           |                     | 10 bar        |
| <br>RIVER INOX EXTENSIBLE                   | RIVER-INOX -EXT M1/2" - F1/2"       | DN12 12,2 mm<br>Ø Ext. 16,9 mm | 150/300 | 206282    | 1 / bag<br>50 / box | 10 bar        |
|                                             |                                     |                                | 300/600 | 206283    |                     | 10 bar        |
|                                             | RIVER-INOX -EXT M3/4" - F3/4"       | DN20 19,1 mm<br>Ø Ext. 25 mm   | 150/300 | 206284    |                     | 10 bar        |
|                                             |                                     |                                | 300/600 | 206285    |                     | 10 bar        |

# RIVER INOX



## Applications



DIN4726 -  
oxygen barrier



Can be heat  
insulated\*



High resistance  
to corrosion  
and temperature  
(+300°C)

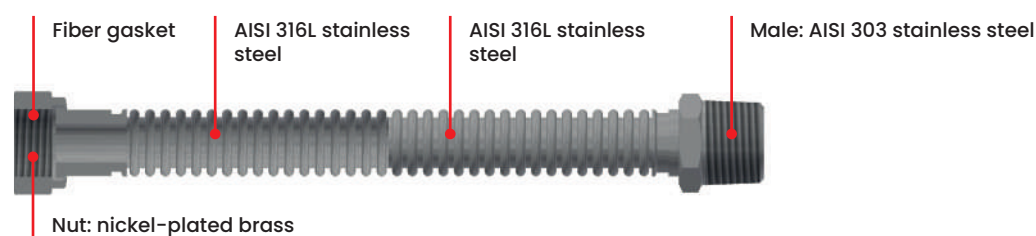


Suitable for  
SOLAR\*\*



Extreme  
flexibility.  
Does not kink

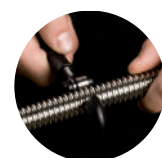
## Materials



## Certifications



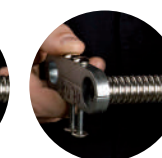
## Fitting mounting



Cut to desired  
length with  
pipe cutter



Put nut



Place tool



Insert end  
of pipe with  
piston



Place safety  
ring



Pipe seat is  
ready



**Important**

\*Heat insulation, consult manufacturer's instructions  
\*\*SOLAR requires special gaskets

| Rollos RIVER INOX                                                                   | Fittings | DN - Ø Int.<br>Ø Exterior      | Length | Reference | Max.<br>pressure |
|-------------------------------------------------------------------------------------|----------|--------------------------------|--------|-----------|------------------|
|  | 3/8"     | DN8 8 mm<br>Ø Ext. 11,2 mm     | 4      | 6540      | 16 bar           |
|                                                                                     |          |                                | 10     | 6542      |                  |
|                                                                                     |          |                                | 20     | 6543      |                  |
|                                                                                     |          |                                | 50     | 6544      |                  |
|                                                                                     |          |                                | 4      | 6546      |                  |
|                                                                                     | 1/2"     | DN12 12,2 mm<br>Ø Ext. 16,9 mm | 10     | 6548      | 10 bar           |
|                                                                                     |          |                                | 20     | 6549      |                  |
|                                                                                     |          |                                | 50     | 6550      |                  |
|                                                                                     |          |                                | 4      | 6552      |                  |
|                                                                                     |          |                                | 10     | 6554      |                  |
|                                                                                     | 3/4"     | DN16 16,3 mm<br>Ø Ext. 21,8 mm | 20     | 6555      | 10 bar           |
|                                                                                     |          |                                | 50     | 6556      |                  |
|                                                                                     |          |                                | 4      | 6558      |                  |
|                                                                                     |          |                                | 10     | 6560      |                  |
|                                                                                     |          |                                | 20     | 6561      |                  |
|                                                                                     | 1"       | DN20 19,1 mm<br>Ø Ext. 25 mm   | 50     | 6562      | 10 bar           |
|                                                                                     |          |                                | 4      | 210291    |                  |
|                                                                                     |          |                                | 10     | 6566      |                  |
|                                                                                     |          |                                | 20     | 6567      |                  |
|                                                                                     |          |                                | 50     | 6568      |                  |
|                                                                                     | 1 1/4"   | DN25 25 mm<br>Ø Ext. 31,2 mm   | 10     | 6566      | 7 bar            |
|                                                                                     |          |                                | 20     | 6567      |                  |
|                                                                                     |          |                                | 50     | 6568      |                  |

## Accessories RIVER INOX\*\*\*

Packaging: pcs/bag: 10

| Fittings | Accessory type           | Reference |
|----------|--------------------------|-----------|
| 3/8"     | Safety ring              | 6485      |
|          | Nut                      | 6480      |
|          | Fiber gasket             | 6495      |
|          | Buttress (extra surface) | 6490      |
|          | Safety ring              | 6486      |
| 1/2"     | Nut                      | 6481      |
|          | Fiber gasket             | 6496      |
|          | Buttress (extra surface) | 6491      |
|          | Safety ring              | 6487      |
|          | Nut                      | 6482      |
| 3/4"     | Nut G3/4-DN12            | 211958    |
|          | Fiber gasket             | 6497      |
|          | Buttress (extra surface) | 6492      |
|          | Safety ring              | 6488      |
|          | Nut                      | 6483      |
| 1"       | Fiber gasket             | 6498      |
|          | Buttress (extra surface) | 6493      |
|          | Safety ring              | 6489      |
|          | Nut                      | 6484      |
|          | Fiber gasket             | 6499      |
| 1 1/4"   | Buttress (extra surface) | 6494      |

## Accessories RIVER INOX

| Accessory type    | Contents                                                                                                              | Reference |
|-------------------|-----------------------------------------------------------------------------------------------------------------------|-----------|
| Installation case | 1 piston, 1 DN12/DN16 tool,<br>1 DN8/DN20 tool, 1 pipe cutter,<br>10 sets of 1/2" and 3/4" gaskets,<br>rings and nuts | 201936    |
| Installation kit  | 1 piston, 1 tool: DN12/DN16,<br>1 tool: DN8/DN20                                                                      | 201936    |
| Plastic case      |                                                                                                                       | 6505      |
| Compactor piston  |                                                                                                                       | 6503      |
| Tool 1/2" + 3/4"  |                                                                                                                       | 6501      |
| Tool 1" + 3/8"    |                                                                                                                       | 6502      |
| Pipe cutter       |                                                                                                                       | 6504      |

DN25 pipe does not require a coil compacting piston.  
Tightening is done directly by screwing the male against the  
nut.

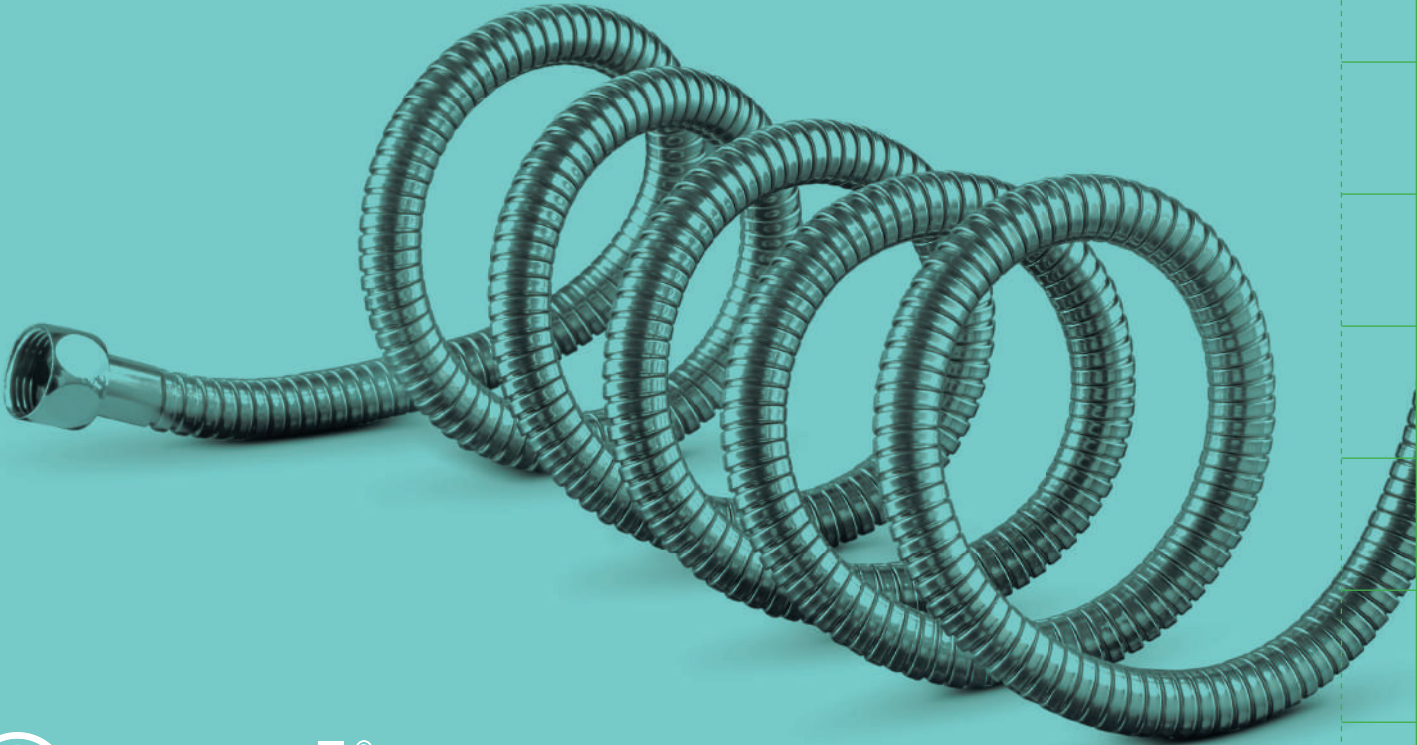
(\*\*\*) Standard fibre gaskets for sanitary and heating applications  
(Max. T:110°C). Special high temperature gaskets available for solar  
energy applications (See page XX: Solar gaskets).  
solar thermal energy (See page 177: Solar Boards).





# Shower

|                        |     |     |
|------------------------|-----|-----|
| Super Flexo Premium    | New | 95  |
| Shattaf Premium        | New | 97  |
| Platinum               |     | 98  |
| Super Flexo            |     | 99  |
| Super Flexo extensible |     | 100 |





# SUPERFLEXO PREMIUM

PREMIUM  
EXTENSIBLE

## Braiding

- Extendable from 1750mm to 2250mm
- Stainless steel braiding, double lock
- Does not kink
- Anti-leak and maintenance free

Combine Super Flexo Premium with the rest of the products in the Premium range



## Fittings

- A rotating conical nut
- A rotating nut
- Brass

## Finish

- Abrasion and corrosion resistant paint
- Electrostatic powder coating (black)
- Electrolytic bath (metallic grey)

# SUPER FLEXO PREMIUM

PREMIUM  
EXTENSIBLE



✓  
Anti-corrosion  
braiding and  
finish

✓  
Extreme  
flexibility.  
Does not co-  
llapse

✓  
Abrasion resis-  
tant

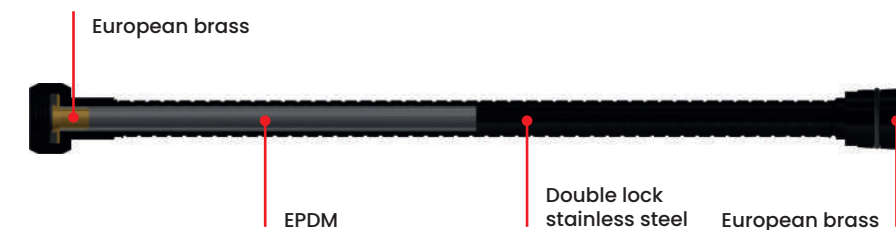
✓  
Extendable  
from 1750mm  
to 2250mm

✓  
With O-ring  
and double  
lock

## Applications



## Materials



## Certifications



|                                        | Conical nut               | Hex nut   | 1/2"-1/2" |                      |                    |                   |                     |  |  |
|----------------------------------------|---------------------------|-----------|-----------|----------------------|--------------------|-------------------|---------------------|--|--|
| Finish<br>Braiding/fitting color       | DN - Ø Int.<br>Ø Exterior | Length    | Reference | Units per<br>package | Flow rate          | Bending<br>Radius | Bar/Temp<br>Service |  |  |
| Black /<br>Matte<br>Black              | DN 7,5 mm<br>14 mm        | 1750-2250 | 210187    | 1 / display<br>bag   | 26 l/min<br>@3 bar | 37 mm             | 5 bar<br>60°C       |  |  |
| Metallic<br>grey /<br>Metallic<br>grey |                           |           | 210014    |                      |                    |                   |                     |  |  |



# SHATTAF PREMIUM



Combine Shataff Premium with the rest of the products in the Premium range



## Braiding

- ACB polymeric
- 3 colours available
- Does not kink
- Resistant to ultraviolet rays



## Fittings

- Conical nut
- Abrasion and corrosion resistant paint
- Electrostatic powder paint (black and white)
- Electrolytic bath (chrome plating)
- Integrated nut and sleeve

## Inner Liner PE-RT

- Antibacterial, suitable for drinking water
- Corrosion resistant
- Prevents limescale and biofilm build-up
- Recyclable material (22% less carbon footprint)



# SHATTAF PREMIUM



✓ European CW617N brass

✓ Braiding and anti-corrosion finishes

✓ Abrasion resistant

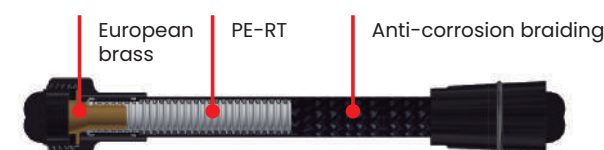
✓ Extreme flexibility. Does not kink

✓ Antibacterial and easy to clean

## Applications



## Materials



## Certifications



|  | Conical nut                                                                           | Female                                                                                |  | 1/2"-1/2"                 |                                                                                       |                 |                                                                                       |           |                                                                                       |                   |                                                                                       |           |                                                                                       |                |                                                                                       |                  |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|------------------|
|  | Finish                                                                                |                                                                                       |  | DN - Ø Int.<br>Ø Exterior |  | Length          |  | Reference |  | Units per package |  | Flow rate |  | Bending Radius |  | Bar/Temp Service |
| White /<br>Matte<br>White                                                             |  |  |  | DN 8 8 mm<br>13,5 mm      | 1250                                                                                  | 1 / display bag | 211308                                                                                |           | 28 l/min<br>@3 bar                                                                    |                   | 18 mm                                                                                 |           |                                                                                       |                |                                                                                       |                  |
| White /<br>Chrome                                                                     |  |  |  |                           |                                                                                       |                 | 211309                                                                                |           |                                                                                       |                   |                                                                                       |           |                                                                                       |                |                                                                                       |                  |
| Grey /<br>Chrome                                                                      |  |  |  |                           |                                                                                       |                 | 211310                                                                                |           |                                                                                       |                   |                                                                                       |           |                                                                                       |                |                                                                                       |                  |
| Black /<br>Matte<br>Black                                                             |  |  |  |                           |                                                                                       |                 | 211316                                                                                |           |                                                                                       |                   |                                                                                       |           |                                                                                       |                |                                                                                       |                  |

PLATINUM



- ✓ Reinforced PVC for the shower
- ✓ Swivel conical nut
- ✓ Anti-twist system
- ✓ Knurled nut



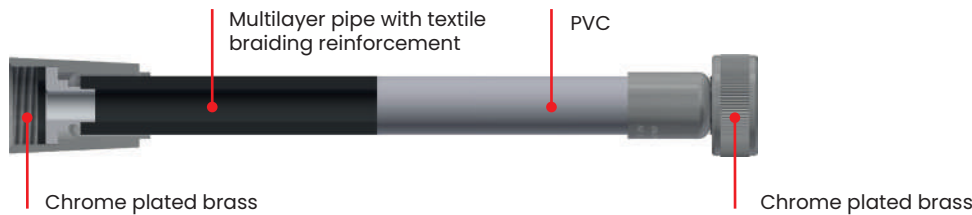
Applications



Certifications

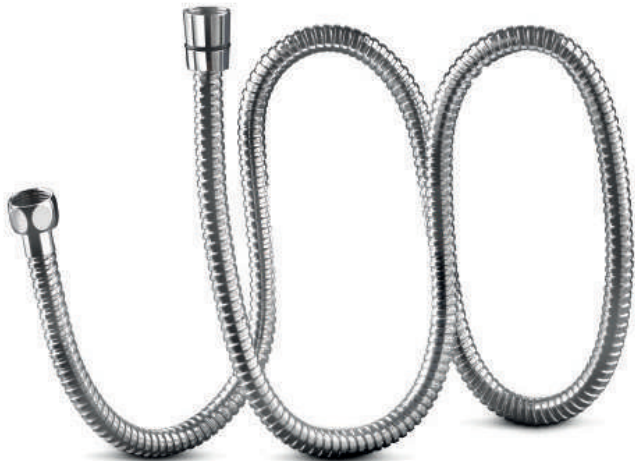


Materials



| Fittings                                                              | DN - Ø Int.<br>Ø Exterior | Length  | Reference | Units per<br>package        | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
|-----------------------------------------------------------------------|---------------------------|---------|-----------|-----------------------------|-----------------------------|-------------------|---------------------|
| 1/2" knurled nut<br>- 1/2" conical<br>nut with an-<br>ti-twist system | 7,4 mm<br>Ø Ext. 14 mm    | 1750 mm | 201962    | 1 / display bag<br>32 / box | 26 l. / min.<br>6,2 mm      | 37 mm             | 5 bar<br>60°C max   |

SUPER FLEXO



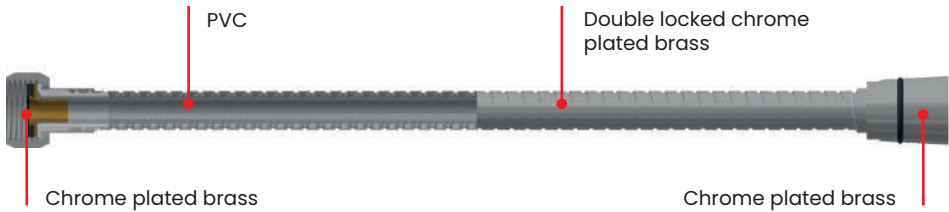
- ✓ Double lock
- ✓ With O-ring



Applications



Materials



Certifications



| Fittings                           | DN - Ø Int.<br>Ø Exterior | Length               | Reference            | Units per<br>package        | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service |
|------------------------------------|---------------------------|----------------------|----------------------|-----------------------------|-----------------------------|-------------------|---------------------|
| 1/2" conical nut<br>- 1/2" hex nut |                           | 1500<br>1750<br>2000 | 2815<br>2816<br>2817 | 1 / display bag<br>32 / box | 24 l. / min.                | 37 mm             | 5 bar<br>60°C max   |



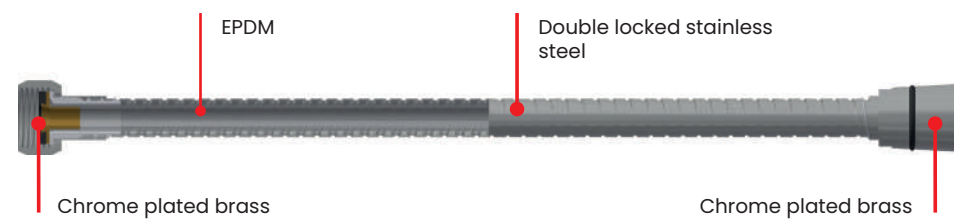
## SUPER FLEXO EXTENSIBLE

SUPERFLEXO  
EXTENSIBLE

### Applications



### Materials



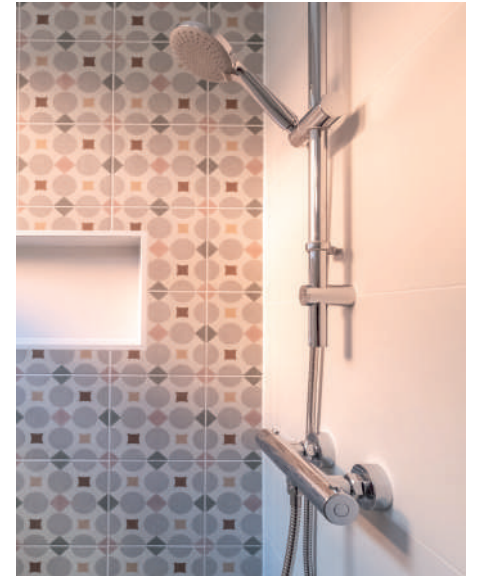
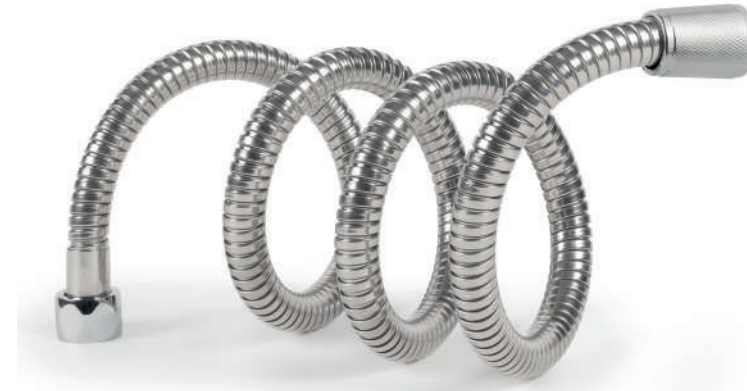
### Certifications



| Conical nut                                                    |                           | Hex nut          |           |                             |                                |                   |                      |
|----------------------------------------------------------------|---------------------------|------------------|-----------|-----------------------------|--------------------------------|-------------------|----------------------|
| Fittings                                                       | DN - Ø Int.<br>Ø Exterior | Length           | Reference | Units per<br>package        | Flow rate<br>Ø Int. passage    | Bending<br>Radius | Bar/Temp<br>Service  |
| Tuerca cónica<br>con tórica 1/2"<br>- Tuerca<br>hexagonal 1/2" | 7,5 mm<br>Ø Ext. 14 mm    | 1750<br>-2250 mm | 2830      | 1 / display bag<br>32 / box | 24 l. / min.<br>@3 bar<br>6 mm | 37 mm             | 5 bar<br>60°C<br>max |

## SUPER FLEXO EXTENSIBLE

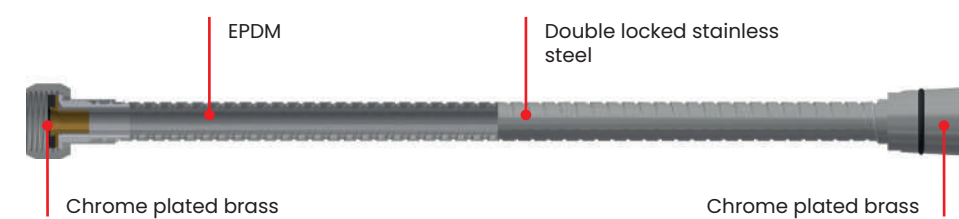
Knurled conical nut



### Applications



### Materials



### Certifications



| Conical nut                                                                    |                           | Hex nut                                                                  |                              |                             |                                |                   |                      |
|--------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------|------------------------------|-----------------------------|--------------------------------|-------------------|----------------------|
| Fittings                                                                       | DN - Ø Int.<br>Ø Exterior | Length                                                                   | Reference                    | Units per<br>package        | Flow rate<br>Ø Int. passage    | Bending<br>Radius | Bar/Temp<br>Service  |
| 1/2" Knurled Co-<br>nical Nut - 1/2"<br>Hex Nut                                | 7,5 mm<br>Ø Ext. 14 mm    | 1000-Extensible<br>1200-Extensible<br>1500-Extensible<br>1750-Extensible | 4116<br>4113<br>4114<br>4115 | 1 / display bag<br>32 / box | 24 l. / min.<br>@3 bar<br>6 mm | 37 mm             | 5 bar<br>60°C<br>max |
| 1/2" Hex Nut -<br>1/2" Conical Nut<br>with O-Ring<br>+ Aerator<br>+ Wall Mount | 7,5 mm<br>Ø Ext. 14 mm    | 4118                                                                     | 4118                         | 1 / display bag<br>25 / box | 24 l. / min.<br>@3 bar<br>6 mm | 37 mm             | 5 bar<br>60°C<br>max |





# Washing

|                               |     |
|-------------------------------|-----|
| Stainless steel braided inlet | 104 |
| PVC inlet with metal nut      | 106 |
| PVC inlet with polyamide nut  | 108 |
| PVC outlet                    | 110 |





# STAINLESS STEEL BRAIDED INLET



## Applications



AISI304  
braiding

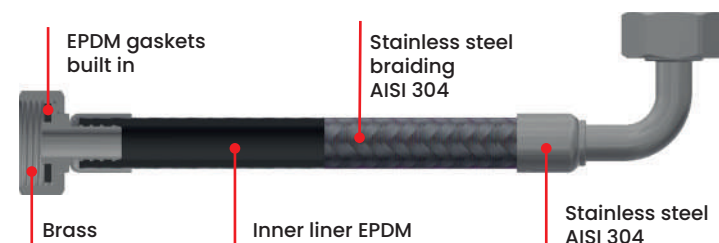


Suitable for  
cold/hot water



Elbow to redu-  
ce space

## Materials



## Certifications

UNE - EN 61770

\*Manufactured according  
to UNE - EN 61770



|  | Female                                                                                                          | Elbow                                                                                        |            |                                                                                                            |                                                                                                                   |                                                                                                         |                                                                                                           |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|  |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>package |  Flow rate<br>Ø Int. passage |  Bending<br>Radius |  Bar/Temp<br>Service |
| F 3/4" - Elbow<br>3/4" brass nuts                                                     | -                                                                                                               | 4816                                                                                         | 1500                                                                                            | 25 / box                                                                                                   | 40 l. / min.                                                                                                      | 35 mm                                                                                                   | 20 bar max.<br>90°C max.                                                                                  |
|                                                                                       |                                                                                                                 | 4817                                                                                         | 200                                                                                             |                                                                                                            |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                       |                                                                                                                 | 4818                                                                                         | 2500                                                                                            |                                                                                                            |                                                                                                                   |                                                                                                         |                                                                                                           |
|                                                                                       |                                                                                                                 | 4820                                                                                         | 3000                                                                                            |                                                                                                            |                                                                                                                   |                                                                                                         |                                                                                                           |

# PVC INLET WITH METAL NUT

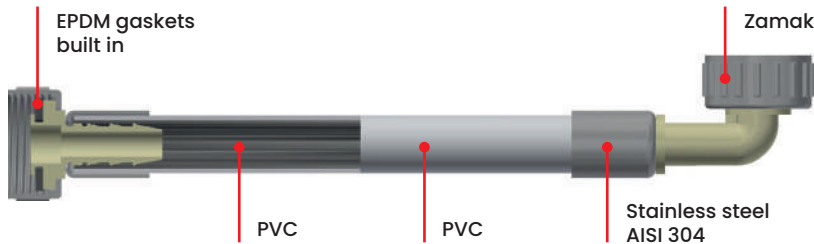


Applications



- ✓ Metal nuts
- ✓ Reinforced PVC
- ✓ Elbow to reduce space
- ✓ According to UNE EN 61770

Materials



Certifications

UNE - EN 61770

\*Manufactured according to UNE - EN 61770



| Fittings                              | DN - Ø Int.<br>Ø Exterior | Length | Reference | Units per package           | Flow rate<br>Ø Int. passage | Bending Radius | Bar/Temp Service         |
|---------------------------------------|---------------------------|--------|-----------|-----------------------------|-----------------------------|----------------|--------------------------|
| F 3/4"<br>- Elbow 3/4",<br>metal nuts | -                         | 1500   | 205478    | 1 / display bag<br>25 / box | 40 l. / min.                | 40 mm          | 20 bar max.<br>60°C max. |
|                                       |                           | 2000   | 205480    |                             |                             |                |                          |
|                                       |                           | 2500   | 205482    |                             |                             |                |                          |
|                                       |                           | 3000   | 205483    |                             |                             |                |                          |
| F 3/4"<br>- Elbow 3/4",<br>metal nuts | -                         | 1500   | 4758      | 25 / box                    | 40 l. / min.                | 40 mm          | 20 bar max.<br>60°C max. |
|                                       |                           | 2000   | 4760      |                             |                             |                |                          |
|                                       |                           | 2500   | 4814      |                             |                             |                |                          |
|                                       |                           | 3000   | 4815      |                             |                             |                |                          |



# PVC INLET WITH POLYAMIDE NUT

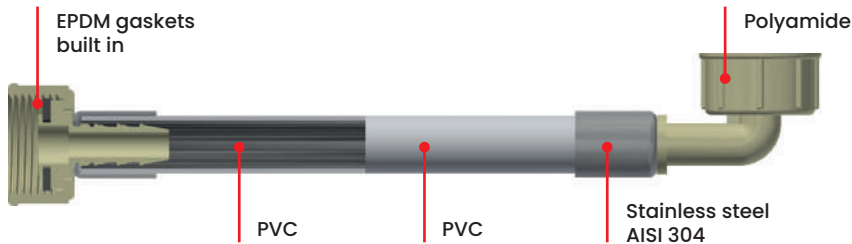


Applications



- ✓ Polyamide nuts
- ✓ Reinforced PVC
- ✓ Elbow to reduce space
- ✓ According to UNE EN 61770

Materials



Certifications

UNE - EN 61770

\*Fabricado según  
UNE - EN 61770



| Fittings                         | DN - Ø Int.<br>Ø Exterior | Length | Reference | Units per<br>package        | Flow rate<br>Ø Int. passage | Bending<br>Radius | Bar/Temp<br>Service      |
|----------------------------------|---------------------------|--------|-----------|-----------------------------|-----------------------------|-------------------|--------------------------|
| F 3/4" - Elbow<br>3/4" Polyamide | -                         | 1500   | 205479    | 1 / display bag<br>25 / box | 40 l. / min.                | 40 mm             | 20 bar max.<br>60°C max. |
|                                  |                           | 2000   | 205481    |                             |                             |                   |                          |
|                                  |                           | 2500   | 206379    |                             |                             |                   |                          |
|                                  |                           | 3000   | 206380    |                             |                             |                   |                          |
|                                  |                           | 3500   | 206522    |                             |                             |                   |                          |
|                                  |                           | 4000   | 206523    |                             |                             |                   |                          |
| F 3/4" - Elbow<br>3/4" Polyamide | -                         | 5000   | 206524    | 25 / box                    | 40 l. / min.                | 40 mm             | 20 bar max.<br>60°C max. |
|                                  |                           | 1500   | 4759      |                             |                             |                   |                          |
|                                  |                           | 2000   | 4761      |                             |                             |                   |                          |

PVC OULET



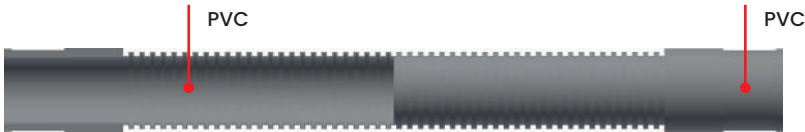
Applications



See references

- Extendable versions
- Universal application

Materials



Certifications

UNE - EN 61770

\*Manufactured according toUNE – EN 61770



| Model                                               | Diameter           | Length    | Reference | Units per package           |
|-----------------------------------------------------|--------------------|-----------|-----------|-----------------------------|
| Washing outlet<br>With display bag + curved support | Ø19 mm<br>- Ø21 mm | 1500      | 210222    | 1 / display bag<br>12 / box |
|                                                     |                    | 2000      | 210223    |                             |
|                                                     |                    | 2500      | 210224    |                             |
|                                                     |                    | 3000      | 210225    | 1 / display bag<br>8 / box  |
| Washing outlet<br>With display bag                  | Ø19 mm<br>- Ø21 mm | 1500      | 205484    | 1 / display bag<br>25 / box |
|                                                     |                    | 2000      | 205485    |                             |
|                                                     |                    | 3000      | 205486    |                             |
| Washing outlet                                      | Ø19 mm<br>- Ø21 mm | 1500      | 4766      | 25 / box                    |
|                                                     |                    | 2000      | 4767      |                             |
|                                                     |                    | 3000      | 4768      |                             |
| Washing outlet<br>With display bag                  | Ø19 mm<br>- Ø21 mm | 1500      | 205484    | 1 / display bag<br>25 / box |
|                                                     |                    | 2000      | 205485    |                             |
|                                                     |                    | 3000      | 205486    |                             |
| Extendable Washing outlet<br>With display bag       | Ø19 mm<br>- Ø21 mm | 700-2.000 | 205487    | 1 / display bag<br>25 / box |
| Extendable Washing outlet                           | Ø19 mm<br>- Ø21 mm | 700-2.000 | 4769      | 25 / box                    |
|                                                     |                    | -         | 4770      | 1 / display bag<br>25 / box |





## Gas

|                      |     |
|----------------------|-----|
| Presinox Extensible  | 114 |
| Presinox 14800       | 116 |
| Presinox 14800 valve | 118 |
| Presinox 14800 GLP   | 120 |
| Liras GLP <b>New</b> | 123 |



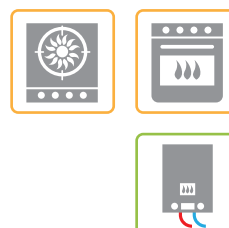
 **tucai**<sup>®</sup>  
Connecting for life



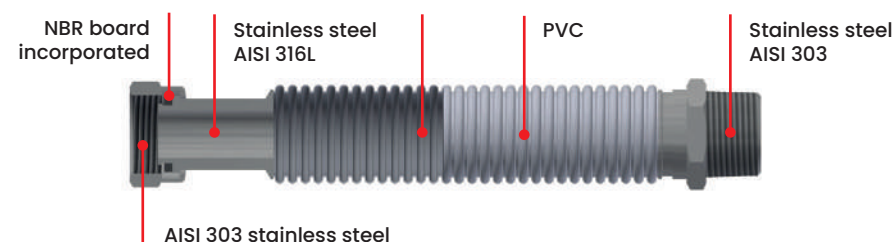
# PRESINOX EXTENSIBLE DN 12-25



## Applications



## Materials



## Certifications


**UNE - EN 60713**

\*Manufactured according to UNE - EN 60713

**UNE - EN 60670-7**

\*Recognized by the UNE-EN 60670-7 standard for installations according to the guidelines of RD 919/2006.

## Installation

Connection for built-in or free standing gas appliances: cooktops, ovens, stoves, hotplates, heaters, stoves... Being 70% extendable, they allow the product to be coupled to each installation

PRESINOX EXTENSIBLE DN12: Up to a maximum extended length of 470 mm. For longer lengths, PRESINOX 14800 must be installed

|           | Female                                                                                                        |                                                                                            |            |  No expiration date   |                                                                                                       |                                                                                         |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>package |  Bending<br>Radius |  Bar |
| F 1/2"<br>- F 1/2"                                                                           | 12 mm<br>Ø Ext. 19 mm                                                                                         | 130-220                                                                                    | 4378                                                                                          | 5 / bag<br>50 / box                                                                                      | 31 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 220-375                                                                                    | 4379                                                                                          | 2 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 300-470                                                                                    | 4366                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 4380                                                                                          | 2 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750                                                                                        | 4381                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4382                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
| F 1/2"<br>- F 20x1,5                                                                         | 12 mm<br>Ø Ext. 19 mm                                                                                         | 220-375                                                                                    | 4454                                                                                          | 5 / bag<br>50 / box                                                                                      | 31 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 275-465                                                                                    | 4464                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 4452                                                                                          | 2 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750                                                                                        | 4430                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4431                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
| F 1/2"<br>- F 3/4"                                                                           | 12 mm<br>Ø Ext. 19 mm                                                                                         | 220-375                                                                                    | 4390                                                                                          | 2 / bag<br>50 / box                                                                                      | 31 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 275-465                                                                                    | 4391                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 4392                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750                                                                                        | 4393                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4394                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
| F 3/4"<br>- F 3/4"                                                                           | 12 mm<br>Ø Ext. 19 mm                                                                                         | 130-220                                                                                    | 4401                                                                                          | 5 / bag<br>50 / box                                                                                      | 31 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 220-375                                                                                    | 4402                                                                                          | 2 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 300-510                                                                                    | 4403                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 500-850                                                                                    | 4404                                                                                          | 2 / bag<br>40 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750-1275                                                                                   | 4405                                                                                          | 5 / bag<br>30 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000-1700                                                                                  | 4406                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
| F 3/4"<br>- F 3/4"                                                                           | 12 mm<br>Ø Ext. 19 mm                                                                                         | 300-510                                                                                    | 3989                                                                                          | 1 / bag<br>25 / box                                                                                      | 31 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 500-850                                                                                    | 4258                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750-1275                                                                                   | 3819                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000-17000                                                                                 | 3789                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|         | Male                                                                                                          |                                                                                            |          |                                                                                                          |                                                                                                       |                                                                                         |
| M 1/2"<br>- F 1/2"                                                                           | 20 mm<br>Ø Ext. 31 mm                                                                                         | 220-375                                                                                    | 4373                                                                                          | 2 / bag<br>50 / box                                                                                      | 47 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 275-465                                                                                    | 4374                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 500                                                                                        | 4375                                                                                          | 2 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750                                                                                        | 4376                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000                                                                                       | 4377                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
| M 3/4"<br>- F 3/4"                                                                           | 20 mm<br>Ø Ext. 31 mm                                                                                         | 130-220                                                                                    | 4395                                                                                          | 2 / bag<br>50 / box                                                                                      | 47 mm                                                                                                 | 0,4 bar                                                                                 |
|                                                                                              |                                                                                                               | 220-375                                                                                    | 4396                                                                                          | 5 / bag<br>50 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 300-510                                                                                    | 4397                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 500-850                                                                                    | 4398                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 750-1275                                                                                   | 4399                                                                                          | 2 / bag<br>20 / box                                                                                      |                                                                                                       |                                                                                         |
|                                                                                              |                                                                                                               | 1000-1700                                                                                  | 4400                                                                                          |                                                                                                          |                                                                                                       |                                                                                         |

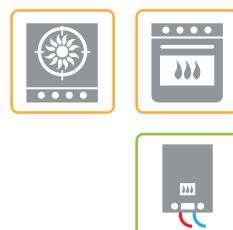
Other lengths available: see page 208



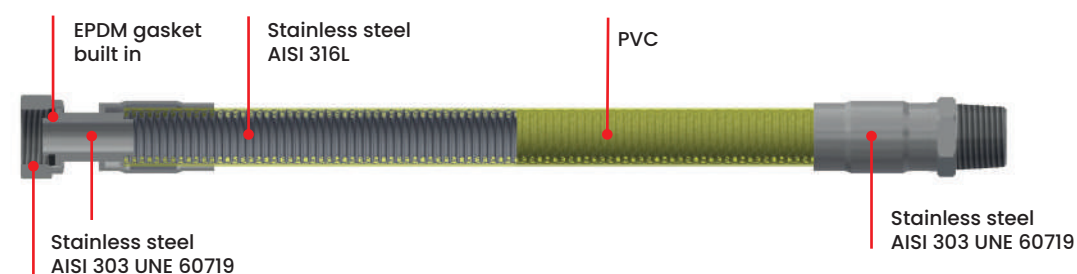
# PRESINOX 14800



## Applications



## Materials



## Certifications



**UNE-EN 14800:2009**  
 \*Conforms to standard  
 UNE-EN 14800:2009

**EU-305/2011**

\*Mandatory compliance according to  
 the Construction Products Regulation  
 EU-305/2011 (CPR)

## Facility

Reinforced metal flexible tube  
 for connecting built-in or free standing  
 gas appliances



| Type                        | Presinox<br>Extensible DN12 | Presinox<br>Extensible DN20/DN25 | Presinox<br>14800 | Presinox 14800<br>Valve 15069 |
|-----------------------------|-----------------------------|----------------------------------|-------------------|-------------------------------|
| Built-in                    | ✓ Yes                       | ✓ Yes                            | ✓ Yes             | ✓ Yes                         |
| Free standing               | ✗ No                        | ✗ No                             | ✗ No              | ✓ Yes                         |
| Lighters and<br>blowtorches | ✗ No                        | ✗ No                             | ✓ Yes             | ✗ No                          |

| Product              | Hose standard | Valve standard | Thread connection<br>standard | Certification  |
|----------------------|---------------|----------------|-------------------------------|----------------|
| Presinox extensible  | UNE 60713     |                | UNE 60719                     | N - AENOR      |
| Presinox 14800       | UNE-EN 14800  |                | UNE 60719                     | N - AENOR / CE |
| Presinox valve 14800 | UNE-EN 14800  | UNE-EN 15069   | UNE-EN 10226-1                | CE             |
| Presinox GLP 14800   | UNE-EN 14800  |                | UNE 60719                     | CE             |

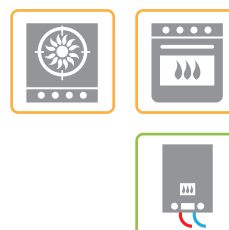
|           |                                                                                                                 | Female                                                                                       |                                                                                                 |                       |                                                                                                                   |  No expiration date |                                                                                           |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|  Fittings |  DN - Ø Int.<br>Ø Exterior |  Length |  Reference |  Units per<br>package |  Flow rate<br>Ø Int. passage |  Bending<br>Radius  |  Bar |
| F 1/2"<br>- F 1/2"                                                                             | 12 mm<br>Ø Ext. 20 mm                                                                                           | 500                                                                                          | 201117                                                                                          | 1 / bag<br>10 / box                                                                                        | <1,5 m³/h                                                                                                         | No limitation on<br>bending radius                                                                       | 0,5 bar                                                                                   |
|                                                                                                |                                                                                                                 | 750                                                                                          | 201118                                                                                          |                                                                                                            |                                                                                                                   |                                                                                                          |                                                                                           |
|                                                                                                |                                                                                                                 | 1000                                                                                         | 8621                                                                                            |                                                                                                            |                                                                                                                   |                                                                                                          |                                                                                           |
|                                                                                                |                                                                                                                 | 1500                                                                                         | 8622                                                                                            |                                                                                                            |                                                                                                                   |                                                                                                          |                                                                                           |
|                                                                                                |                                                                                                                 | 2000                                                                                         | 8623                                                                                            |                                                                                                            |                                                                                                                   |                                                                                                          |                                                                                           |

|  |                       | Female                             |                                                |  |           |                                    |         |
|---------------------------------------------------------------------------------------|-----------------------|------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------|-----------|------------------------------------|---------|
| M 1/2"<br>- F 1/2"                                                                    | 12 mm<br>Ø Ext. 20 mm | 500<br>750<br>1000<br>1500<br>2000 | 201120<br>201121<br>201122<br>201124<br>201125 | 1 / bag<br>10 / box                                                                   | <1,5 m³/h | No limitation on<br>bending radius | 0,5 bar |

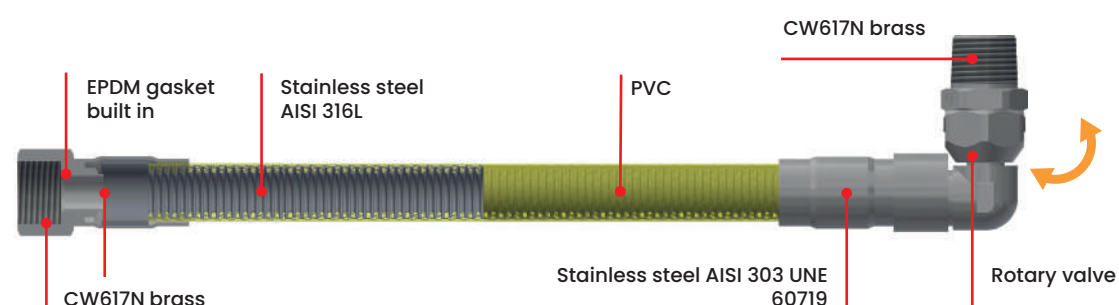
# PRESINOX 14800 VALVE



## Applications



## Materials



## Certifications


**UNE-EN 14800:2009**

 \*Conforms to standard  
 UNE-EN 14800:2009

**UNE-EN 15069:2009**

 \*Conforms to standard  
 UNE-EN 15069:2009

**EU-305/2011**

 \*Mandatory compliance according to  
 the Construction Products Regulation  
 EU-305/2011 (CPR)

## Facility

Connection of gas appliances to the gas distribution system or free standing: cooktops, ovens, stoves, hotplates, heaters, stoves... Thanks to the quick-connect connection, the appliance can be removed for cleaning and repair with total ease and safety. The protective cover allows cleaning of the flexible hose (do not use aggressive detergents).



| Type                     | Presinox Extensible DN12 | Presinox Extensible DN20/DN25 | Presinox 14800 | Presinox 14800 Valve 15069 |
|--------------------------|--------------------------|-------------------------------|----------------|----------------------------|
| Built-in                 | ✓ Yes                    | ✓ Yes                         | ✓ Yes          | ✓ Yes                      |
| Free standing            | ✗ No                     | ✗ No                          | ✗ No           | ✓ Yes                      |
| Lighters and blowtorches | ✗ No                     | ✗ No                          | ✓ Yes          | ✗ No                       |

| Product              | Hose standard | Valve standard | Thread connection standard | Certification  |
|----------------------|---------------|----------------|----------------------------|----------------|
| Presinox extensible  | UNE 60713     |                | UNE 60719                  | N - AENOR      |
| Presinox 14800       | UNE-EN 14800  |                | UNE 60719                  | N - AENOR / CE |
| Presinox valve 14800 | UNE-EN 14800  | UNE-EN 15069   | UNE-EN 10226-1             | CE / N-AENOR   |
| Presinox GLP 14800   | UNE-EN 14800  |                | UNE 60719                  | CE             |



| Fittings        | DN - Ø Int. Ø Exterior | Length                      | Reference                      | Units per package   | Flow rate Ø Int. passage | Bending Radius                  | Bar     |
|-----------------|------------------------|-----------------------------|--------------------------------|---------------------|--------------------------|---------------------------------|---------|
| M 1/2" - M 1/2" | 12 mm<br>Ø Ext. 20 mm  | 750<br>1000<br>1500<br>2000 | 201184<br>8611<br>8612<br>8613 | 1 / bag<br>10 / box | <0,8 m³/h                | No limitation on bending radius | 0,5 bar |

| Fittings        | DN - Ø Int. Ø Exterior | Length                      | Reference                      | Units per package   | Flow rate Ø Int. passage | Bending Radius                  | Bar     |
|-----------------|------------------------|-----------------------------|--------------------------------|---------------------|--------------------------|---------------------------------|---------|
| F 1/2" - M 1/2" | 12 mm<br>Ø Ext. 20 mm  | 750<br>1000<br>1500<br>2000 | 201185<br>8616<br>8617<br>8618 | 1 / bag<br>10 / box | <0,8 m³/h                | No limitation on bending radius | 0,5 bar |

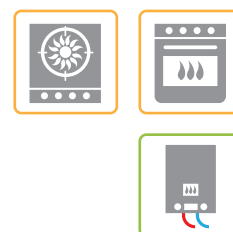


# PRESINOX 14800 GLP



- ✓ GLP use
- ✓ For built-in or free standing
- ✓ UNE-EN 14800:2009
- ✓ Safety plug
- ✓ UNE 60719

## Applications



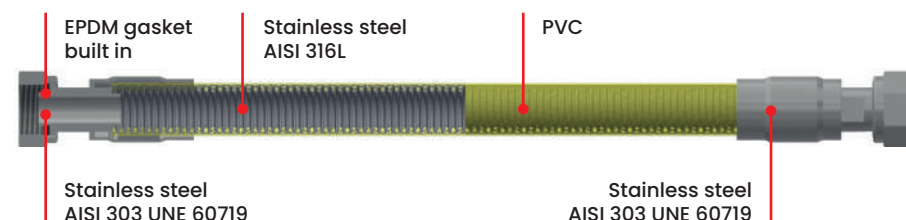
## Certifications



**UNE-EN 14800:2009**  
\*Conforms to standard UNE-EN 14800:2009

**EU-305/2011**  
\*Mandatory compliance according to the Construction Products Regulation EU-305/2011 (CPR)

## Materials



**Warning**  
Not to be used for natural gas

| Female                           |                          | Female |           |                     |                          |                |         |
|----------------------------------|--------------------------|--------|-----------|---------------------|--------------------------|----------------|---------|
| Fittings                         | DN - Ø Int. / Ø Exterior | Length | Reference | Units per package   | Flow rate Ø Int. passage | Bending Radius | Bar     |
| F 1/2"                           |                          | 1000   | 8627      | 1 / bag             | <1,3 kg/h                | No limit       | 0,5 bar |
| F 20x1,5                         |                          | 1500   | 8628      | 10 / box            |                          |                |         |
| BUTANE REGULATOR OUTLET M 20x1,5 |                          |        | 4706      | 1 / box<br>50 / box | <1,3 kg/h                | No limit       | 0,5 bar |

**No expiration date**



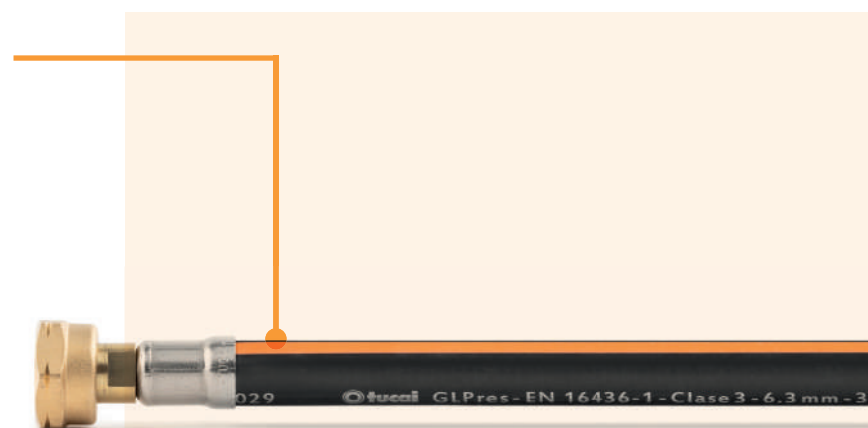
## GL PRES



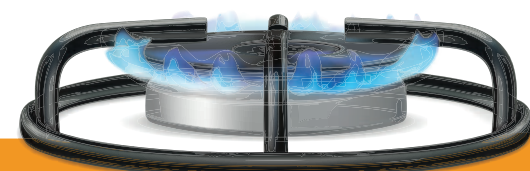
For connecting LPG containers to gas distribution systems which use Propane, Butane and their mixtures in the vapor phase.

### Hose & Inner liner

- NBR inner coating.
- Reinforcement - high-tenacity textile threads.
- Resistant to extreme weather conditions (-30°C + 70°C) & UV rays
- Built-in NBR seals.



Application connects with industrial and domestic canisters



### Fittings

- Brass (CW617N).
- Corrosion-resistant polished sandblasted finish.

#### Nipple

- Annealed brass (CW617N).

#### Bushings

- AISI-304 stainless steel.
- Octagonal crimp ensures 35% stronger tensile strength than standard.

Manufactured according to the new European standard UNE-EN 16436-2, which replaces the UNE 60712.

- Valid for indoor and outdoor use -30°C to 70°C.
- Maximum working pressure: 30 bar, (50% more than previous).

## GLP PRES



Easy install:  
2 metric  
wrenches

Valid for  
indoor and  
outdoor use

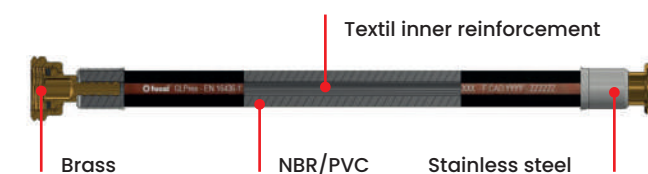
For LPG  
canisters

Made in  
Barcelona

#### Applications



#### Materials



#### Certifications



UNE-EN 16436-2

\*Manufactured according to UNE-EN 16436-2

 Replace before 5th year

| Fittings                     | DN - Ø Int.<br>Ø Exterior  | Length                    | Reference                            | Units per package     | Working temperature | Temp. max /min | Bar    |
|------------------------------|----------------------------|---------------------------|--------------------------------------|-----------------------|---------------------|----------------|--------|
| F 21,8 left<br>- F 20x1,5    | 6 6,3 mm<br>Ø Ext. 16,3 mm | 420<br>500<br>720<br>1000 | 208191<br>208128<br>208129<br>208130 | 10 / bag<br>50 / box  | 22°C                | 70°C<br>-30°C  | 30 bar |
| F 21,8 left<br>- F 21,8 left | 6 6,3 mm<br>Ø Ext. 16,3 mm | 720                       | 208197                               | 10 / bag<br>50 / box  | 22°C                | 70°C<br>-30°C  | 30 bar |
| GLP 113 Check valve          |                            |                           | 113                                  | 10 / bag<br>200 / box |                     |                |        |





## Gasoil River oil

River oil

126





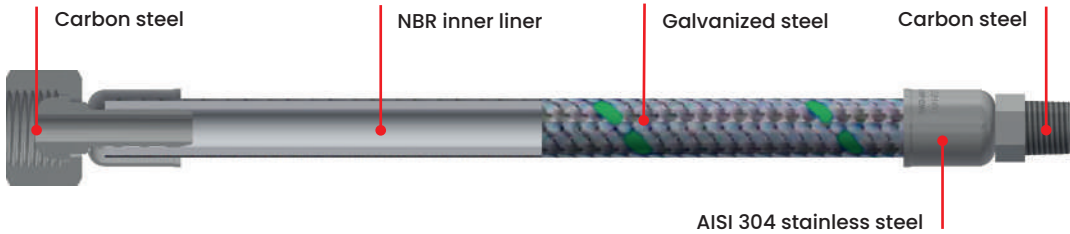
RIVER OIL



Applications



Materials



Certifications

**ISO 6806**

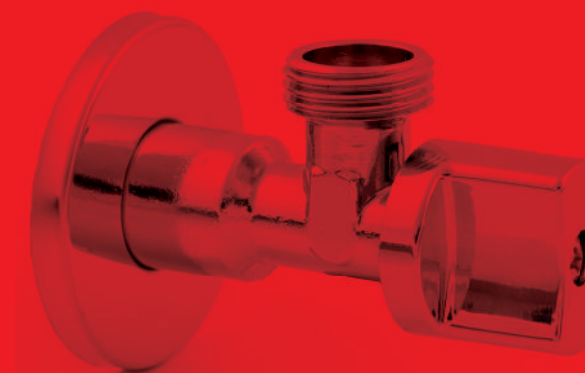
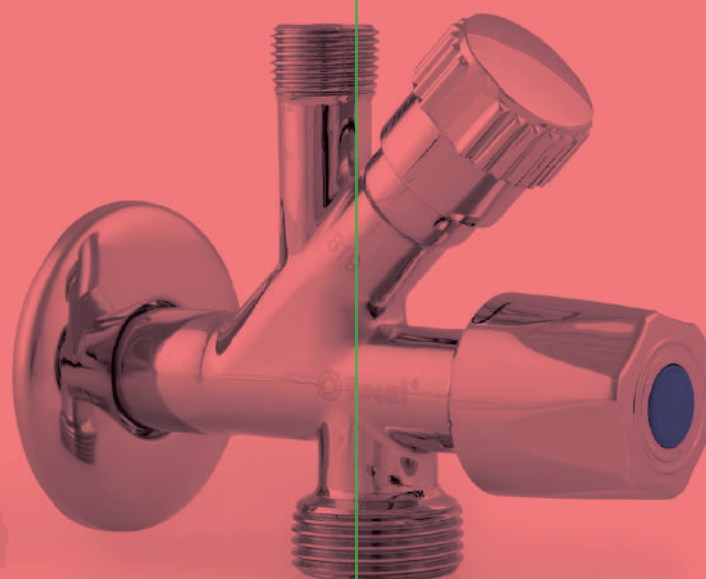
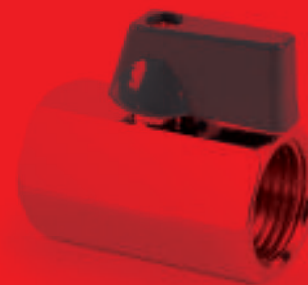
\*In accordance with ISO 6806: 1995 (Type 1)



|   | Male                                                                                  |                                                                                       | Female                                                                                |                                                                                       |   |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |
| M 1/4"<br>- F 3/8"                                                                    | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 2728<br>2730                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
| M 3/8"<br>- F 3/8"                                                                    | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 2732<br>2734                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
| M 1/4"<br>- F 1/4"                                                                    | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 3972<br>3068                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
|  | Female                                                                                |                                                                                       | Female                                                                                |                                                                                       |  |                                                                                       |                                                                                       |
| F 1/4"<br>- F 1/4"                                                                    | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 3779<br>3758                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
| F 3/8"<br>- F 3/8"                                                                    | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 2740<br>2742                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
|  | Female                                                                                |                                                                                       | Elbow M                                                                               |                                                                                       |  |                                                                                       |                                                                                       |
| F 3/8"<br>- Elbow M 1/4"                                                              | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 8016<br>4127                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
|  | Female                                                                                |                                                                                       | Elbow F                                                                               |                                                                                       |  |                                                                                       |                                                                                       |
| F 3/8"<br>- Elbow F 1/4"                                                              | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 4555<br>4547                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
| F 1/4"<br>- Elbow F 1/4"                                                              | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 8017<br>4582                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |
| F 3/8"<br>- Elbow F 3/8"                                                              | 6 mm<br>Ø Ext. 10,5 mm                                                                | 750<br>1000                                                                           | 8018<br>4676                                                                          | 10 / bag<br>100 / box                                                                 | 1,5 l/min                                                                             | 35 mm                                                                                 | 10 bar                                                                                |

Other lengths available: see page 209





# Valves





## Angle valves

|               |     |     |
|---------------|-----|-----|
| PREMIUM C-850 | New | 134 |
| C-850         |     | 136 |
| C-851         |     | 137 |
| T-750         |     | 138 |
| E-650         |     | 140 |
| E-650 LONG    |     | 140 |
| KIT WC        |     | 140 |



TMM



# Premium C-850



**Combine Premium C-850  
with the rest of the products  
in the range**

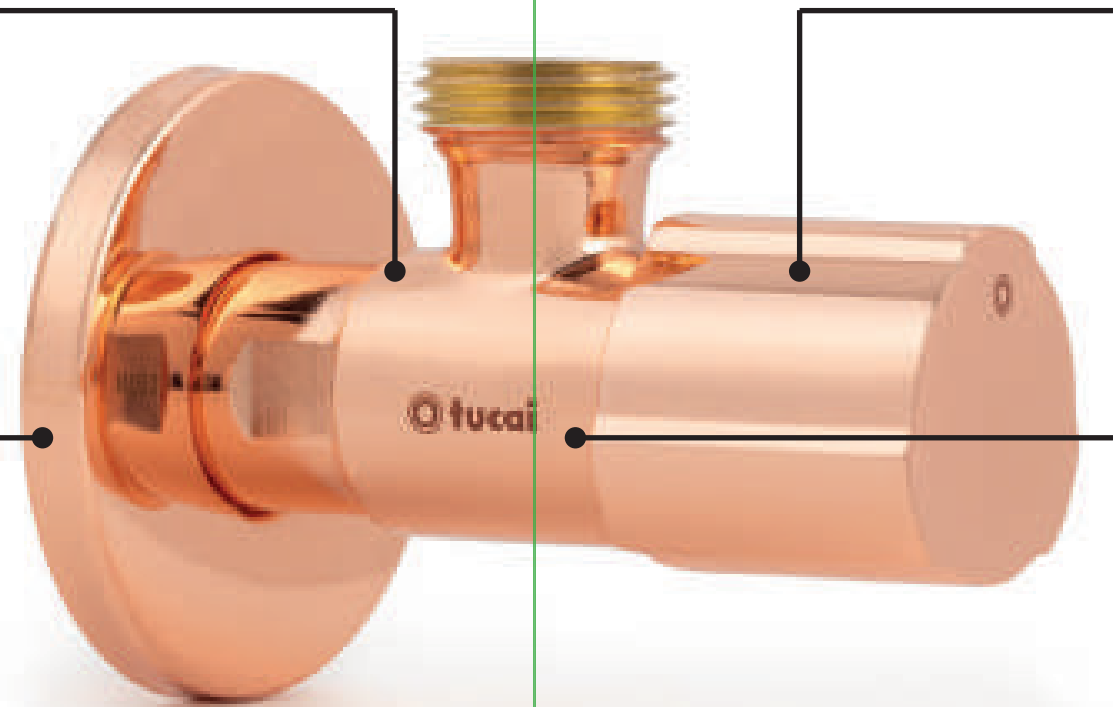


## Body

- Modern and elegant available in 8 different finishes
- Perfect aesthetic combination with connections from the TAQ-PREMIUM range
- Anti-corrosion finishes
- Easy to clean

## Cover

- Modern and elegant stainless steel designed in perfect harmony with the rest of the product.



## Handle

- Strong Zamak metal handle designed in perfect harmony with the valve body
- Easy usage with soft ¼ turn

## Cartridge

- Anti-limescale
- Anti-leak
- No need for maintenance throughout its life cycle
- Guarantees safe and hygienic access to drinking water consumption

## More sustainable

- Made from recyclable and environmentally friendly materials.
- Recyclable cardboard packaging.

### Range of finishes



Matte black

Matte white

Black steel

Brushed steel

Rose gold

Antique  
bronze

Gold

Chrome



PREMIUM C-850 PN16

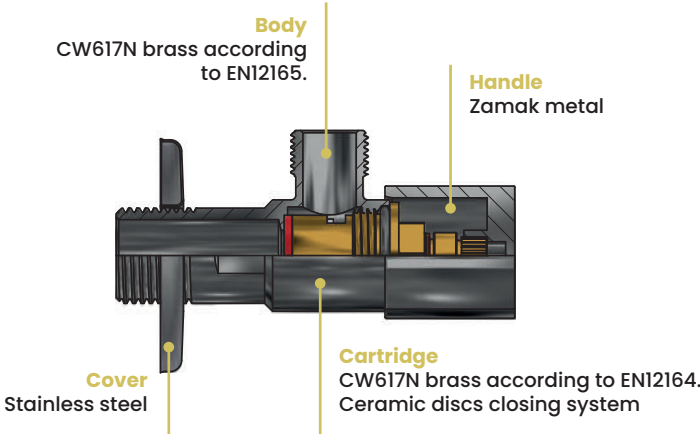


Applications



- ✓  
Anti-limescale
- ✓  
1/4 turn
- ✓  
Anti-corrosion
- ✓  
High flow rate
- ✓  
Acoustic group II (24 dB)
- ✓  
Metal handle
- ✓  
Knurled inlet thread

Materials



Certifications



Combina con flexibles Taq Premium

ver página 24



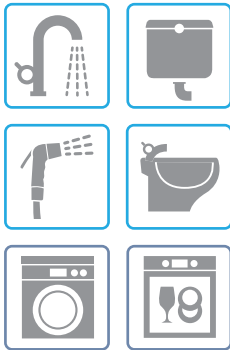
| Color Fittings | Fittings | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|----------------|----------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|                |          |               |           | Big       | Little |                       |                    |
| Matte black    |          | 1/2" x 3/8"   | 918500303 | 68        | 1      | 16 bar 100/-20°C      | 30 l/min           |
|                |          | 1/2" x 1/2"   | 918500403 |           |        |                       |                    |
| Matte white    |          | 1/2" x 3/8"   | 918500302 |           |        |                       |                    |
|                |          | 1/2" x 1/2"   | 918500402 |           |        |                       |                    |
| Black steel    |          | 1/2" x 3/8"   | 918500304 |           |        |                       |                    |
|                |          | 1/2" x 1/2"   | 918500404 |           |        |                       |                    |
| Brushed steel  |          | 1/2" x 3/8"   | 918500306 |           |        |                       |                    |
|                |          | 1/2" x 1/2"   | 918500406 |           |        |                       |                    |
| Rose gold      |          | 1/2" x 3/8"   | 918500308 |           |        |                       |                    |
|                |          | 1/2" x 1/2"   | 918500408 |           |        |                       |                    |
| Antique bronze |          | 1/2" x 3/8"   | 918500305 |           |        |                       |                    |
|                |          | 1/2" x 1/2"   | 918500405 |           |        |                       |                    |
| Gold           |          | 1/2" x 3/8"   | 918500307 |           |        |                       |                    |
|                |          | 1/2" x 1/2"   | 918500407 |           |        |                       |                    |
| Chrome         |          | 1/2" x 3/8"   | 918500301 |           |        |                       |                    |



C-850 PN16

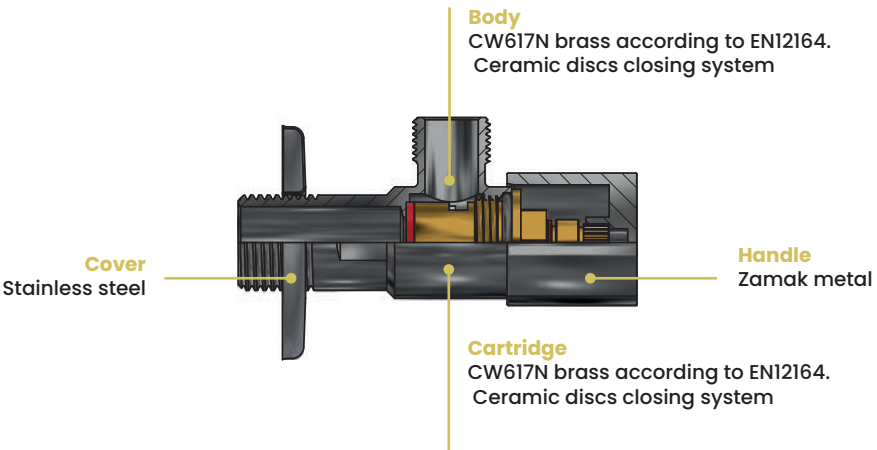


Applications

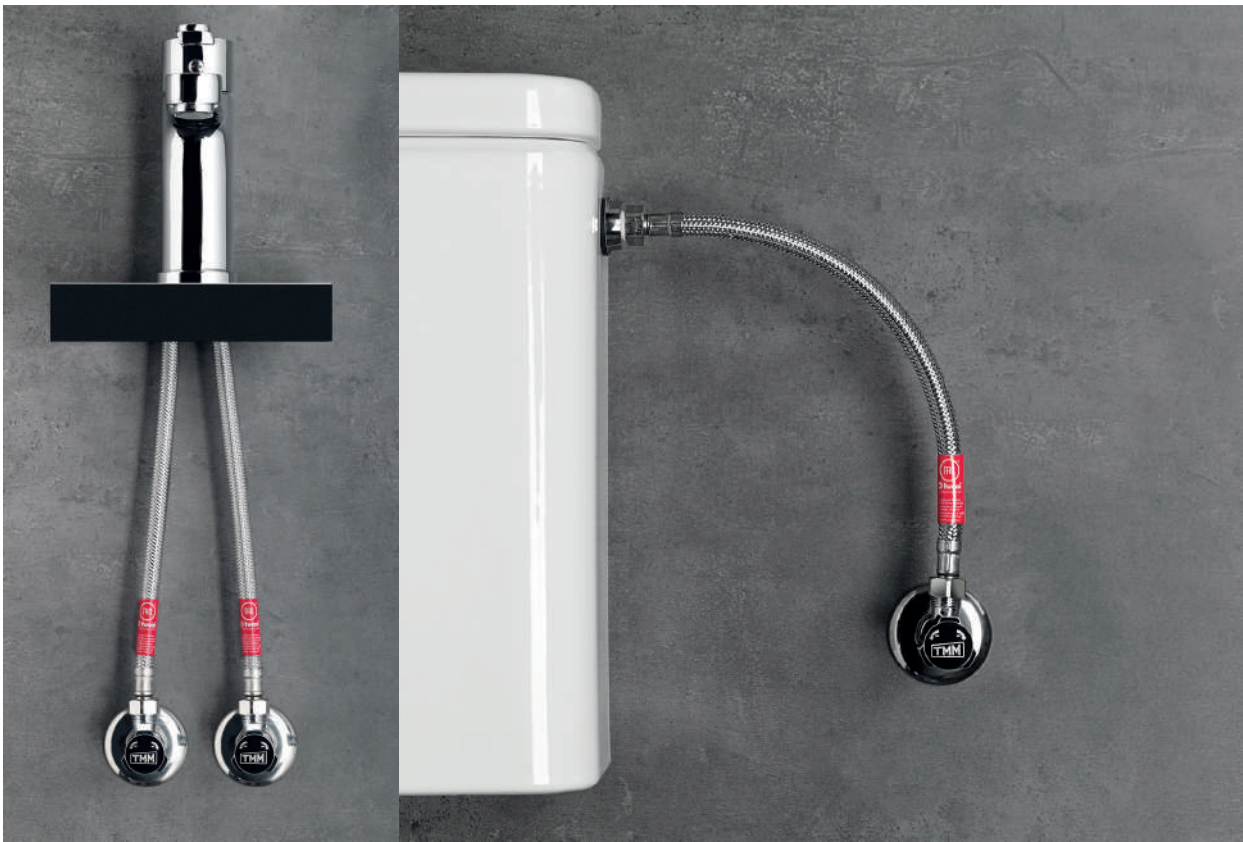


- ✓ Anti-scale
- ✓ 1/4 turn
- ✓ Anti-corrosion
- ✓ High flow rate
- ✓ Acoustic group II (24 dB)
- ✓ Metal handle
- ✓ Knurled inlet thread

Materials



Certifications



| Model                                                                                       | Fittings    | DN ØInt. (mm) | # Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|---------------------------------------------------------------------------------------------|-------------|---------------|-------------|-----------|--------|-----------------------|--------------------|
|                                                                                             |             |               |             | Big       | Little |                       |                    |
|  C-850 | 1/2" x 3/8" | 15            | 0400001     | 94        | 2      | 16 bar 100/-20°C      | 30 l/min           |
|                                                                                             | 1/2" x 1/2" | 15            | 0400002     | 59        | 1      |                       |                    |
|  C-851 | 1/2" x 3/4" | 15            | 0400019     | 60        | 1      | 16 bar 100/-20°C      | 30 l/min           |

T-750 PN16

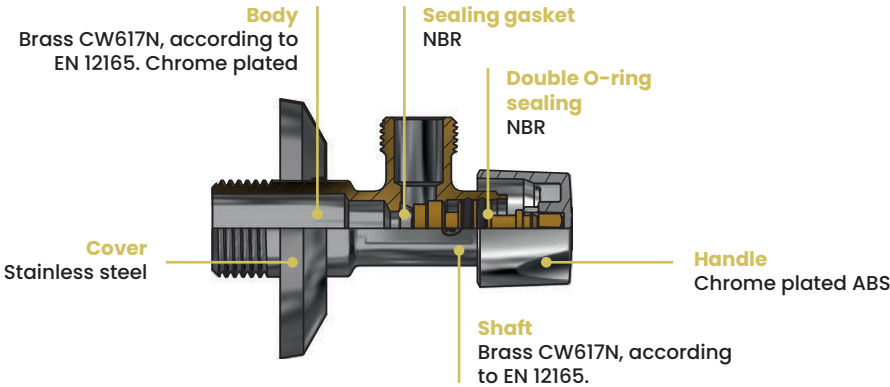


Applications



- ✓ Flow regulator
- ✓ 3/4 turn
- ✓ Anti-corrosion
- ✓ Acoustic group I (<20 dB)
- ✓ Knurled inlet thread

Materials



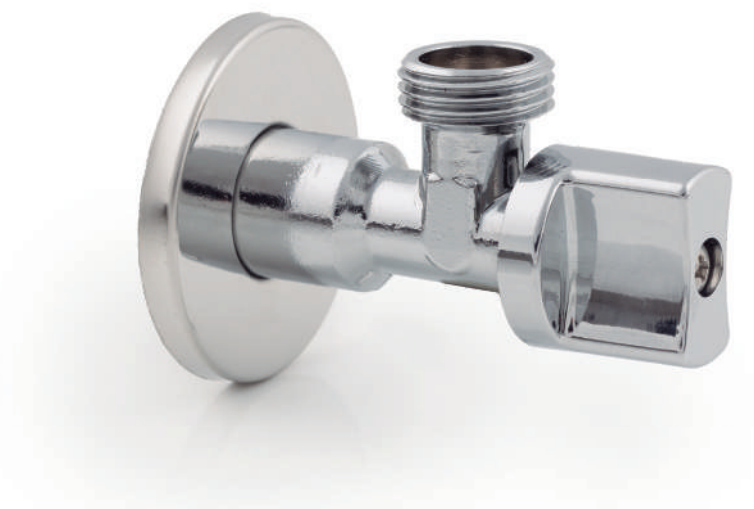
Certifications



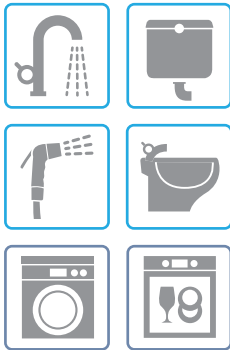
| T-750 | Fittings    | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|-------|-------------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|       |             |               |           | Big       | Little |                       |                    |
|       | 1/2" x 3/8" | 15            | 0400008   | 100       | 2      | 16 bar 85°C           | 21 l/min           |
|       | 1/2" x 1/2" | 15            | 0400010   | 100       | 2      |                       |                    |



E -650 PN16

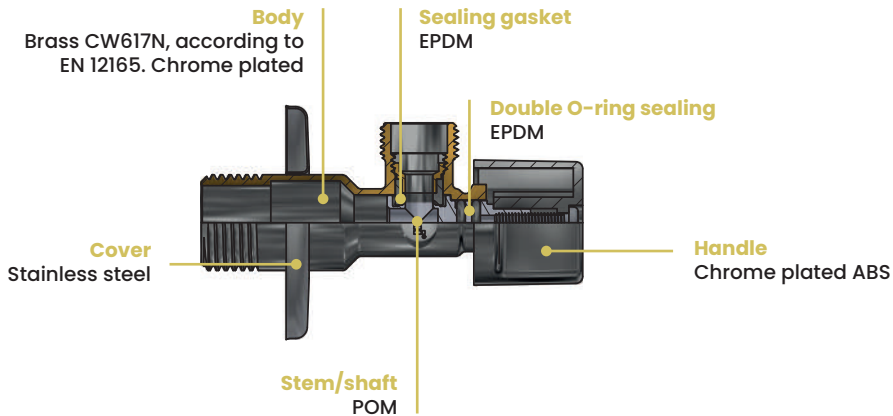


Applications



- ✓ Anti limescale Karea solution
- ✓ 1/4 turn
- ✓ Anti-corrosion
- ✓ Acoustic group II (24 dB)
- ✓ Knurled inlet thread

Materials



Certifications



| Model                                                                                            | Fittings    | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|--------------------------------------------------------------------------------------------------|-------------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|                                                                                                  |             |               |           | Big       | Little |                       |                    |
|  E-650      | 1/2" x 3/8" | 15            | 0400011   | 120       | 2      | 16 bar 70°C           | 20l/min            |
|                                                                                                  | 1/2" x 1/2" | 15            | 0400012   | 120       | 2      |                       |                    |
|  E-650 LONG | 1/2" x 3/8" | 15            | 0400015   | 108       | 2      | 16 bar 70°C           | 20l/min            |
|                                                                                                  | 1/2" x 3/4" | 15            | 0400020   | 60        | 1      |                       |                    |
| KIT WC      |             |               |           |           |        |                       |                    |
| E650-1/2x3/8 TAQ ACB HG-3838-300                                                                 |             |               | 207455    | 40        | 1      | 16 bar 70°C           | 20l/min            |



## Washing bibcock valves

|             |     |
|-------------|-----|
| L-400       | 144 |
| L-400 DOBLE | 145 |
| L-400 MIXTA | 145 |



**TMM**



L-400 PN16

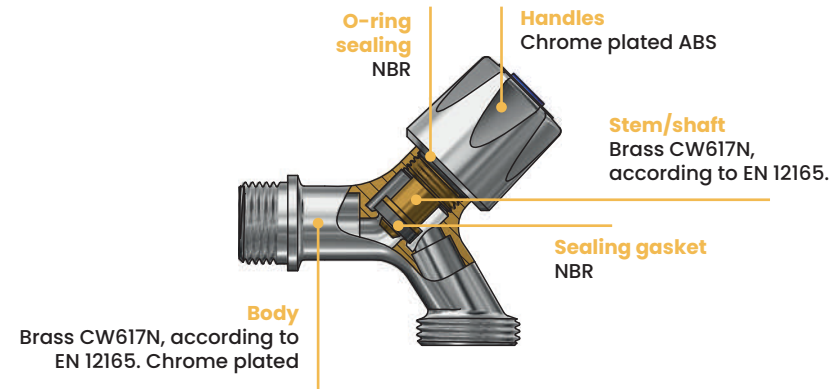


Applications

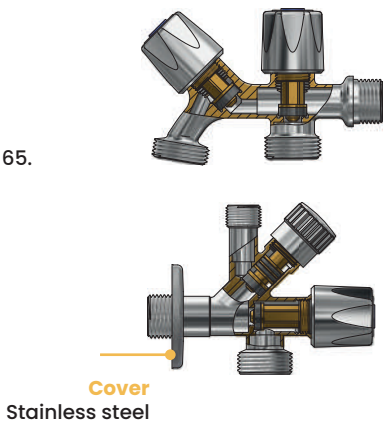


- ✓ Flow regulation
- ✓ 3 turn
- ✓ Ergonomic handle
- ✓ Easy installation

Materials



L-400 DOBLE/MIXTA



Certifications



| Modelo      | Fittings           | DN ØInt. (mm) | Reference | Box units<br>Big   Little |    | Nominal Pressure/Temp | Flow rate at 3 bar |
|-------------|--------------------|---------------|-----------|---------------------------|----|-----------------------|--------------------|
| L-400       | 1/2" x 3/4"        | 15            | 0400016   | 60                        | 15 | 16 bar 90°C           | 35 l/min           |
| L-400 DOBLE | 1/2" x 3/4" x 3/4" | 15            | 0400017   | 32                        | 8  | 16 bar 90°C           | 60 l/min           |
| L-400 MIXTA | 1/2" x 3/8" x 3/4" | 15            | 0400018   | 38                        | 1  | 16 bar 90°C           | 55 l/min           |





# Garden Bibcock Valves

|       |     |
|-------|-----|
| M-400 | 148 |
| D-400 | 148 |
| C-400 | 150 |
| I-400 | 150 |



TMM



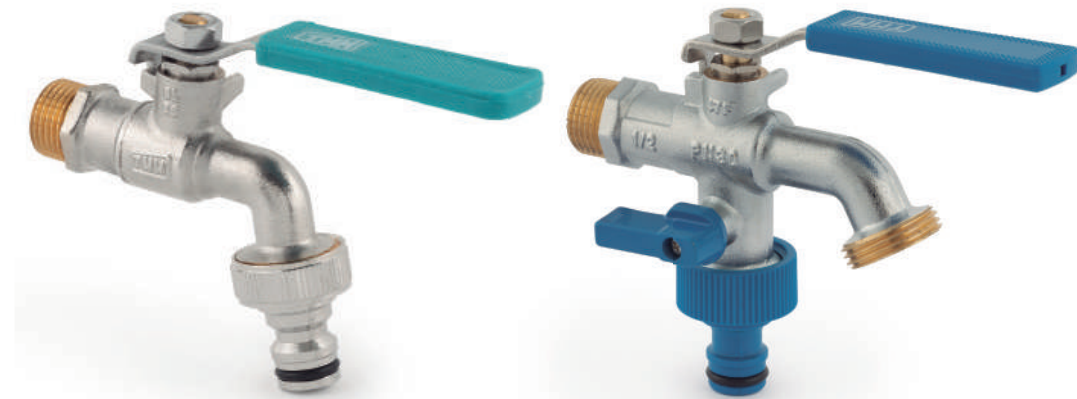
## M-400 PN20



## D-400 PN30

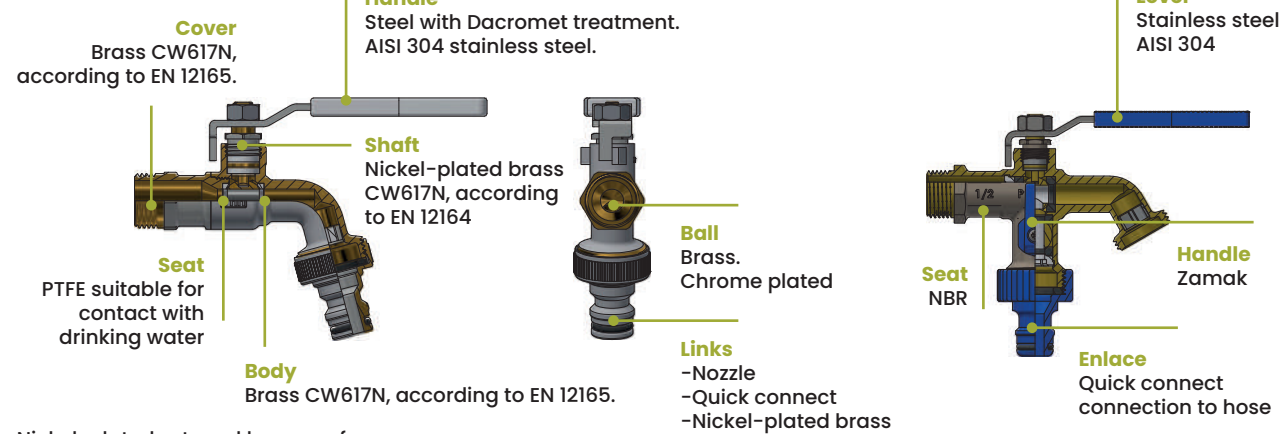


### Applications



- ✓ Anti-drip
- ✓ Anti-leak system on shaft
- ✓ Corrosion resistant
- ✓ Ergonomic UV-resistant handle
- ✓ Built-in aerator at the outlet
- ✓ D-400: anti-freeze and double independent outlet
- ✓ 1/4 turn

### Materials



Nickel-plated external brass surfaces.  
All surfaces in contact with water are nickel-free

### Certifications



### Options

- Color**
- Blue
  - Red

To order a handle in a color other than the turquoise blue of the model, you must mark the first letter of the color at the end of the code

**Example**  
Blue handle: 0103003A



| Modelo                                                                                                                                | Fittings           | DN ØInt. (mm) | Reference | Box units<br>Bic   Little |    | Nominal Pressure/Temp | Flow rate at 3 bar |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------|-----------|---------------------------|----|-----------------------|--------------------|
|  <b>M-400 ER</b><br>HANDLE<br>DACROMET<br>STEEL  | 1/2" x 1/2"        | 10            | 0103021   | 60                        | 15 | 20 bar 100/-10°C      | 30 l/min           |
|                                                                                                                                       | 3/4" x 3/4"        | 15            | 0103022   | 48                        | 12 |                       | 65 l/min           |
|                                                                                                                                       | 1" x 1"            | 15            | 0103025   | 24                        | 6  |                       | 95 l/min           |
|                                                                                                                                       | 1/2" x 3/4"        | 10            | 0103023   | 60                        | 15 |                       | 30 l/min           |
|                                                                                                                                       | 3/4" x 1"          | 15            | 0103024   | 40                        | 10 |                       | 65 l/min           |
|  <b>M-400 ER</b><br>HANDLE<br>STAINLESS<br>STEEL | 1/2" x 1/2"        | 10            | 0103001   | 60                        | 15 | 20 bar 100/-10°C      | 30 l/min           |
|                                                                                                                                       | 3/4" x 3/4"        | 15            | 0103002   | 48                        | 12 |                       | 65 l/min           |
|                                                                                                                                       | 1" x 1"            | 15            | 0103005   | 24                        | 6  |                       | 95 l/min           |
|                                                                                                                                       | 1/2" x 3/4"        | 10            | 0103003   | 60                        | 15 |                       | 30 l/min           |
|                                                                                                                                       | 3/4" x 1"          | 15            | 0103004   | 40                        | 10 |                       | 65 l/min           |
|  <b>M-400 BO</b><br>HANDLE<br>DACROMET<br>STEEL  | 1/2" x 1/2"        | 10            | 0101021   | 60                        | 15 | 20 bar 100/-10°C      | 30 l/min           |
|                                                                                                                                       | 3/4" x 3/4"        | 15            | 0101022   | 48                        | 12 |                       | 65 l/min           |
|                                                                                                                                       | 1" x 1"            | 15            | 0101023   | 24                        | 6  |                       | 95 l/min           |
|                                                                                                                                       | 1/2" x 3/4"        | 10            | 0101024   | 60                        | 15 |                       | 30 l/min           |
|                                                                                                                                       | 3/4" x 1"          | 15            | 0101025   | 40                        | 10 |                       | 65 l/min           |
|  <b>M-400 BO</b><br>HANDLE<br>STAINLESS<br>STEEL | 1/2" x 1/2"        | 10            | 0101001   | 60                        | 15 | 20 bar 100/-10°C      | 30 l/min           |
|                                                                                                                                       | 3/4" x 3/4"        | 15            | 0101002   | 48                        | 12 |                       | 65 l/min           |
|                                                                                                                                       | 1" x 1"            | 15            | 0101003   | 24                        | 6  |                       | 95 l/min           |
|                                                                                                                                       | 1/2" x 3/4"        | 10            | 0101004   | 60                        | 15 |                       | 30 l/min           |
|                                                                                                                                       | 3/4" x 1"          | 15            | 0101005   | 40                        | 10 |                       | 65 l/min           |
|  <b>D-400</b><br>HANDLE<br>STAINLESS<br>STEEL    | 1/2" x 3/4" x 3/4" | 10            | 0101504   | 32                        | 8  | 30 bar 100/-10°C      | 60 l/min           |

Other available references: see page 214

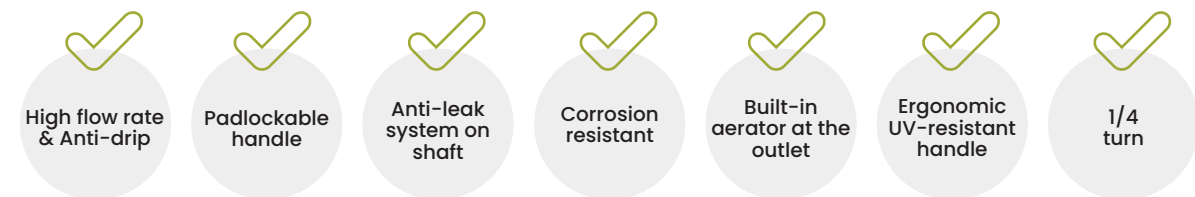
## C-400 PN25



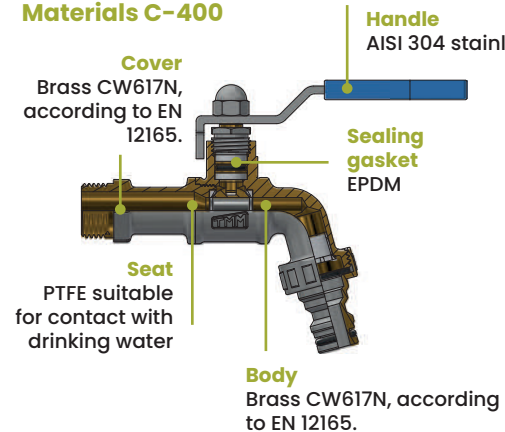
## I-400 PN25



### Applications



### Materials C-400



Nickel-plated external brass surfaces.  
All surfaces in contact with water are nickel-free

### Certifications



### Options

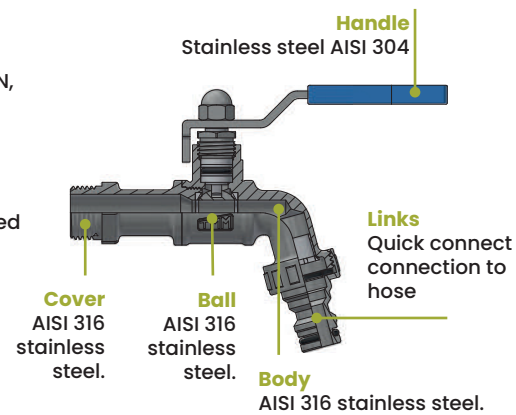
#### Color



To order a handle in a color other than the turquoise blue of the model, you must mark the first letter of the color at the end of the code

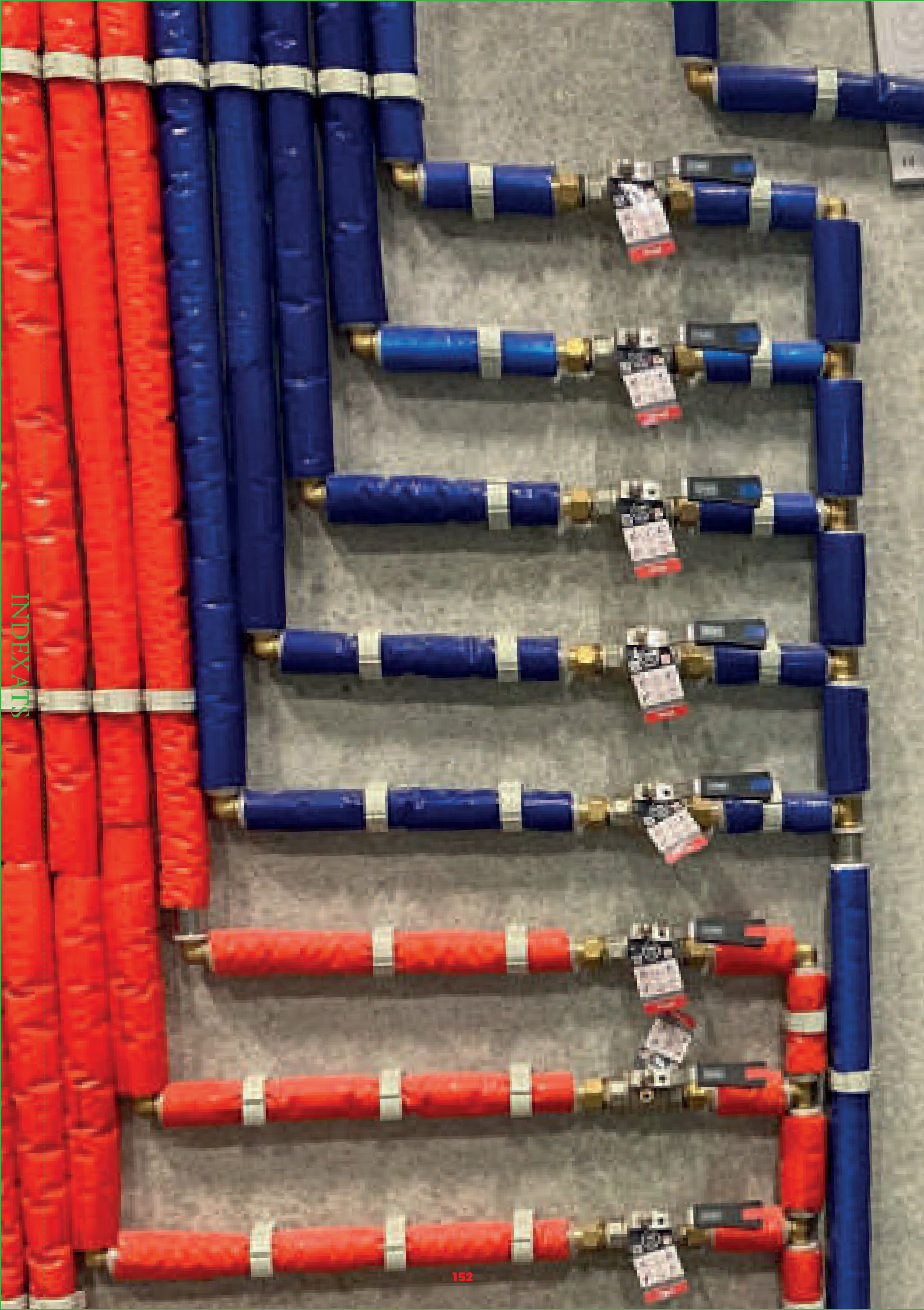
**Example**  
Red handle: 0101301R

### I-400



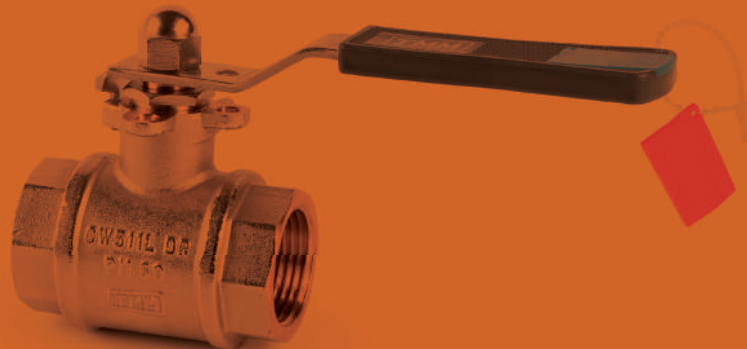
| Model                                                                                                                      | Fittings    | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|----------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|                                                                                                                            |             |               |           | Bic       | Little |                       |                    |
| <br><b>C-400 ER</b>                   | 1/2" x 3/4" | 10            | 0101301   | 40        | 10     | 25 bar 150/-30°C      | 60 l/min           |
|                                                                                                                            | 3/4" x 1"   | 15            | 0101302   | 32        | 8      |                       | 75 l/min           |
|                                                                                                                            | 1" x 1"     | 15            | 0101303   | 16        | 4      |                       | 100 l/min          |
| <br><b>C-400 ER</b><br>ANTI-LIMESCALE | 1/2" x 3/4" | 10            | 0111301   | 40        | 10     | 25 bar 150/-30°C      | 60 l/min           |
|                                                                                                                            | 3/4" x 1"   | 15            | 0111302   | 32        | 8      |                       | 75 l/min           |
|                                                                                                                            | 1" x 1"     | 15            | 0111303   | 16        | 4      |                       | 100 l/min          |
| <br><b>C-400 BO</b>                   | 1/2" x 3/4" | 10            | 0101101   | 40        | 10     | 25 bar 150/-30°C      | 60 l/min           |
|                                                                                                                            | 3/4" x 1"   | 15            | 0101102   | 32        | 8      |                       | 75 l/min           |
|                                                                                                                            | 1" x 1 1/4" | 15            | 0101103   | 16        | 4      |                       | 100 l/min          |
|                                                                                                                            | 1" x 1"     | 15            | 0101104   | 16        | 4      |                       | 100 l/min          |
| <br><b>C-400 BO</b><br>ANTI-LIMESCALE | 1/2" x 3/4" | 10            | 0111101   | 40        | 10     | 25 bar 150/-30°C      | 60 l/min           |
|                                                                                                                            | 3/4" x 1"   | 15            | 0111102   | 32        | 8      |                       | 75 l/min           |
|                                                                                                                            | 1" x 1 1/4" | 15            | 0111103   | 16        | 4      |                       | 100 l/min          |
|                                                                                                                            | 1" x 1"     | 15            | 0111104   | 16        | 4      |                       | 100 l/min          |
| <br><b>I-400 ER</b>                   | 1/2" x 3/4" | 10            | 0131301   | 40        | 10     | 25 bar 150/-30°C      | 60 l/min           |
|                                                                                                                            | 3/4" x 1"   | 15            | 0131302   | 32        | 8      |                       | 75 l/min           |
| <br><b>I-400 BO</b>                   | 1/2" x 3/4" | 10            | 0131101   | 40        | 10     | 25 bar 150/-30°C      | 60 l/min           |
|                                                                                                                            | 3/4" x 1"   | 15            | 0131102   | 32        | 8      |                       | 75 l/min           |
|                                                                                                                            | 1" x 1 1/4" | 15            | 0131103   | 16        | 4      |                       | 100 l/min          |





# Ball valves

|                  |     |       |     |
|------------------|-----|-------|-----|
| M-100            | 150 | M-505 | 170 |
| M-200            | 156 | M-555 | 170 |
| M-280            | 161 | M-525 | 172 |
| C-511 <b>New</b> | 162 | M-545 | 173 |
| C-502            | 163 | M-565 | 173 |
| I-500            | 164 | M-515 | 174 |
| C-800            | 166 | M-516 | 175 |
| C-801            | 166 | M-575 | 175 |
| M-550            | 168 | M-576 | 175 |





# M-100 PN25

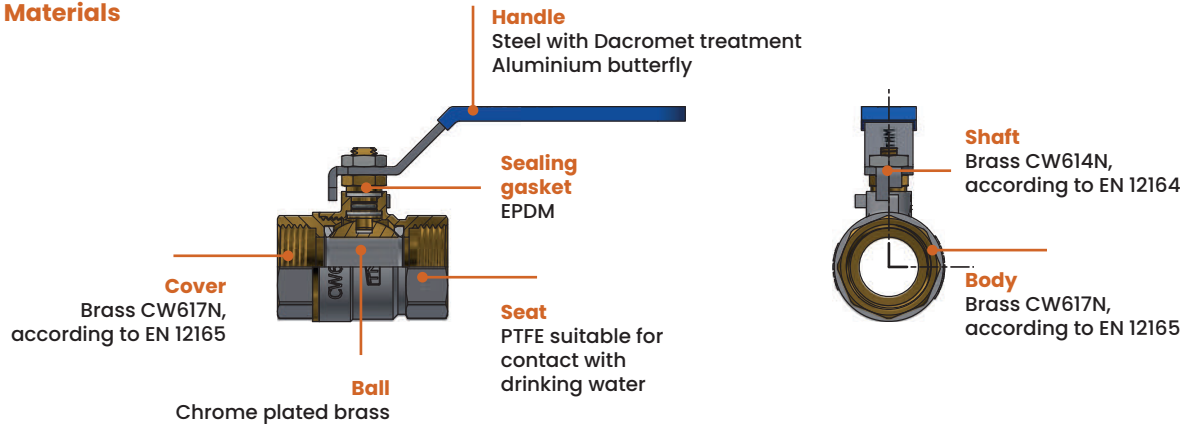


## Applications



- ✓ Anti-leak
- ✓ High pressure resistance
- ✓ Optimized design
- ✓ Anti-leak system on shaft
- ✓ Corrosion resistant
- ✓ 1/4 turn

## Materials



Nickel-plated external brass surfaces.  
All surfaces in contact with water are nickel-free

## Certifications



## Options

**Color**  
Red

To order a handle in a color other than the turquoise blue of the model, you must mark the first letter of the color at the end of the code

**Example**  
Red handle: 0200004R



| Model                                          | Fittings | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|------------------------------------------------|----------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|                                                |          |               |           | Big       | Little |                       |                    |
| <b>M-100</b><br>HANDLE<br>DACROMET<br>STEEL    | 1/2"     | 15            | 0200003   | 80        | 20     | 25 bar 100/-10°C      | 450 l/min          |
|                                                | 3/4"     | 20            | 0200004   | 60        | 15     |                       | 735 l/min          |
|                                                | 1"       | 25            | 0200005   | 40        | 10     |                       | 1515 l/min         |
|                                                | 1 1/4"   | 32            | 0200006   | 24        | 6      |                       | 2500 l/min         |
|                                                | 1 1/2"   | 40            | 0200007   | 16        | 4      |                       | 3060 l/min         |
|                                                | 2"       | 50            | 0200008   | 8         | 2      |                       | 12200 l/min        |
| <b>M-100</b><br>BUTTERFLY                      | 1/2"     | 15            | 0220003   | 80        | 20     | 25 bar 100/-10°C      | 450 l/min          |
|                                                | 3/4"     | 20            | 0220004   | 60        | 15     |                       | 735 l/min          |
|                                                | 1"       | 25            | 0220005   | 40        | 10     |                       | 1515 l/min         |
| <b>M-100 MH</b><br>HANDLE<br>DACROMET<br>STEEL | 1/2"     | 15            | 0230003   | 80        | 20     | 25 bar 100/-10°C      | 450 l/min          |
|                                                | 3/4"     | 20            | 0230004   | 60        | 15     |                       | 735 l/min          |
|                                                | 1"       | 25            | 0230005   | 40        | 10     |                       | 1515 l/min         |
| <b>M-100 MH</b><br>BUTTERFLY                   | 1/2"     | 15            | 0240003   | 80        | 20     | 25 bar 100/-10°C      | 450 l/min          |
|                                                | 3/4"     | 20            | 0240004   | 60        | 15     |                       | 735 l/min          |
|                                                | 1"       | 25            | 0240005   | 40        | 10     |                       | 1515 l/min         |

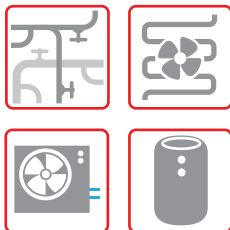
Other available references: see page 215



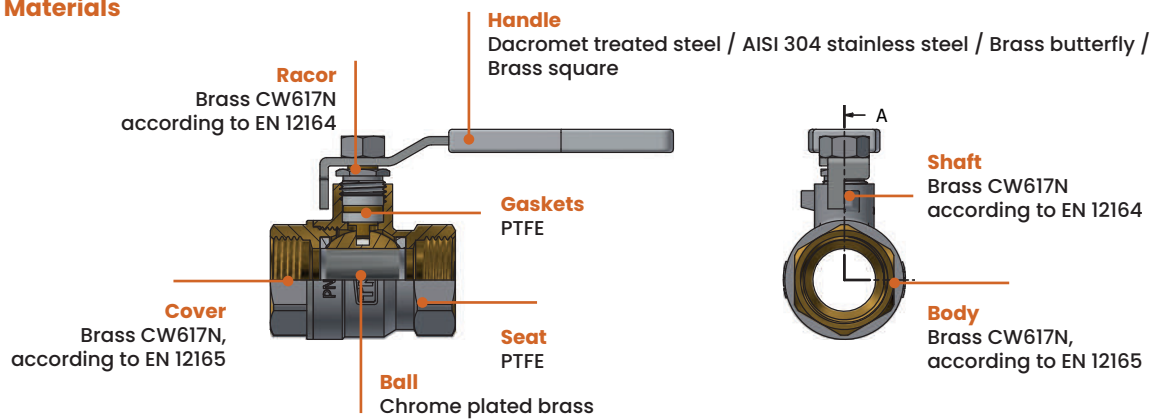
# M-200 PN30



## Applications



## Materials



Nickel-plated external brass surfaces.  
All surfaces in contact with water are nickel-free

## Certifications



## Options

**Color**  
Blue

To order a handle in a color other than the turquoise blue of the model, you must mark the first letter of the color at the end of the code

**Example**  
Blue handle: 0201825A



| Modelo | Fittings | DN ØInt. (mm) | Reference | Box units |     | Nominal Pressure/Temp | Flow rate at 3 bar |
|--------|----------|---------------|-----------|-----------|-----|-----------------------|--------------------|
|        | 3/8"     | 10            | 0201812   | 80        | 20  | 30 bar 150/-10°C      | 375 l/min          |
|        | 1/2"     | 15            | 0201813   | 80        | 20  |                       | 490 l/min          |
|        | 3/4"     | 20            | 0201814   | 60        | 15  |                       | 835 l/min          |
|        | 1"       | 25            | 0201815   | 40        | 10  |                       | 1615 l/min         |
|        | 1 1/4"   | 32            | 0201816   | 24        | 6   |                       | 2300 l/min         |
|        | 1 1/2"   | 40            | 0201817   | 16        | 4   |                       | 2510 l/min         |
|        | 2"       | 50            | 0201818   | 8         | 2   |                       | 14980 l/min        |
|        | 2 1/2"   | 65            | 0201819   | 6         | n/a |                       | 17320 l/min        |
|        | 1/4"     | 8             | 0201821   | 80        | 20  | 30 bar 150/-10°C      | 280 l/min          |
|        | 3/8"     | 10            | 0201822   | 80        | 20  |                       | 375 l/min          |
|        | 1/2"     | 15            | 0201823   | 80        | 20  |                       | 490 l/min          |
|        | 3/4"     | 20            | 0201824   | 60        | 15  |                       | 835 l/min          |
|        | 1"       | 25            | 0201825   | 40        | 10  |                       | 1615 l/min         |
|        | 1 1/4"   | 32            | 0201826   | 24        | 6   |                       | 2300 l/min         |
|        | 1 1/2"   | 40            | 0201827   | 16        | 4   |                       | 2510 l/min         |
|        | 2"       | 50            | 0201828   | 8         | 2   |                       | 14980 l/min        |
|        | 2 1/2"   | 65            | 0201829   | 6         | n/a |                       | 17320 l/min        |
|        | 3"       | 80            | 0201830   | 4         | n/a |                       | 20205 l/min        |
|        | 4"       | 100           | 0201831   | 2         | n/a |                       | 23100 l/min        |
|        | 1/4"     | 8             | 0202801   | 80        | 20  | 30 bar 150/-10°C      | 280 l/min          |
|        | 3/8"     | 10            | 0202802   | 80        | 20  |                       | 375 l/min          |
|        | 1/2"     | 15            | 0202803   | 80        | 20  |                       | 490 l/min          |
|        | 3/4"     | 20            | 0202804   | 60        | 15  |                       | 835 l/min          |
|        | 1"       | 25            | 0202805   | 40        | 10  |                       | 1615 l/min         |
|        | 1/2"     | 15            | 0203801   | 80        | 20  | Square                | 490 l/min          |
|        | 3/4"     | 20            | 0203802   | 60        | 15  |                       | 835 l/min          |
|        | 1"       | 25            | 0203803   | 40        | 10  |                       | 1615 l/min         |
|        | 1 1/4"   | 32            | 0203804   | 24        | 6   |                       | 2300 l/min         |
|        | 1 1/2"   | 40            | 0203805   | 16        | 4   |                       | 2510 l/min         |
|        | 2"       | 50            | 0203806   | 8         | 2   |                       | 14980 l/min        |

Other available references: see page 215



M-200 PN30



| Modelo                                                                                                                               |  Fittings |  DN ØInt.<br>(mm) |  Reference |  Box units |        |  Nominal<br>Pressure/Temp |  Flow rate<br>at 3 bar |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                                                                                                                                      |                                                                                            |                                                                                                    |                                                                                             | Big                                                                                         | Little |                                                                                                              |                                                                                                           |
| <br>M-200 MH<br>HANDLE<br>DACROMET<br>TREATED STEEL | 3/8"                                                                                       | 10                                                                                                 | 0204820                                                                                     | 80                                                                                          | 20     | 30 bar 150/-10°C                                                                                             | 375 l/min                                                                                                 |
|                                                                                                                                      | 1/2"                                                                                       | 15                                                                                                 | 0204821                                                                                     | 80                                                                                          | 20     |                                                                                                              | 490 l/min                                                                                                 |
|                                                                                                                                      | 3/4"                                                                                       | 20                                                                                                 | 0204822                                                                                     | 60                                                                                          | 15     |                                                                                                              | 835 l/min                                                                                                 |
|                                                                                                                                      | 1"                                                                                         | 25                                                                                                 | 0204823                                                                                     | 40                                                                                          | 10     |                                                                                                              | 1615 l/min                                                                                                |
|                                                                                                                                      | 1 1/4"                                                                                     | 32                                                                                                 | 0204824                                                                                     | 24                                                                                          | 6      |                                                                                                              | 2300 l/min                                                                                                |
|                                                                                                                                      | 1 1/2"                                                                                     | 40                                                                                                 | 0204825                                                                                     | 16                                                                                          | 4      |                                                                                                              | 2510 l/min                                                                                                |
|                                                                                                                                      | 2"                                                                                         | 50                                                                                                 | 0204826                                                                                     | 8                                                                                           | 2      |                                                                                                              | 14980 l/min                                                                                               |
| <br>M-200 MH<br>HANDLE<br>STAINLESS STEEL           | 3/8"                                                                                       | 10                                                                                                 | 0204810                                                                                     | 80                                                                                          | 20     | 30 bar 150/-10°C                                                                                             | 375 l/min                                                                                                 |
|                                                                                                                                      | 1/2"                                                                                       | 15                                                                                                 | 0204811                                                                                     | 80                                                                                          | 20     |                                                                                                              | 490 l/min                                                                                                 |
|                                                                                                                                      | 3/4"                                                                                       | 20                                                                                                 | 0204812                                                                                     | 60                                                                                          | 15     |                                                                                                              | 835 l/min                                                                                                 |
|                                                                                                                                      | 1"                                                                                         | 25                                                                                                 | 0204813                                                                                     | 40                                                                                          | 10     |                                                                                                              | 1615 l/min                                                                                                |
|                                                                                                                                      | 1 1/4"                                                                                     | 32                                                                                                 | 0204814                                                                                     | 24                                                                                          | 6      |                                                                                                              | 2300 l/min                                                                                                |
|                                                                                                                                      | 1 1/2"                                                                                     | 40                                                                                                 | 0204815                                                                                     | 16                                                                                          | 4      |                                                                                                              | 2510 l/min                                                                                                |
|                                                                                                                                      | 2"                                                                                         | 50                                                                                                 | 0204816                                                                                     | 8                                                                                           | 2      |                                                                                                              | 14980 l/min                                                                                               |
| <br>M-200 MH<br>BUTTERFLY                          | 3/8"                                                                                       | 10                                                                                                 | 0205800                                                                                     | 80                                                                                          | 20     | 30 bar 150/-10°C                                                                                             | 375 l/min                                                                                                 |
|                                                                                                                                      | 1/2"                                                                                       | 15                                                                                                 | 0205801                                                                                     | 80                                                                                          | 20     |                                                                                                              | 490 l/min                                                                                                 |
|                                                                                                                                      | 3/4"                                                                                       | 20                                                                                                 | 0205802                                                                                     | 60                                                                                          | 15     |                                                                                                              | 835 l/min                                                                                                 |
|                                                                                                                                      | 1"                                                                                         | 25                                                                                                 | 0205803                                                                                     | 40                                                                                          | 10     |                                                                                                              | 1615 l/min                                                                                                |
| <br>M-200 MH<br>SQUARE                            | 3/8"                                                                                       | 10                                                                                                 | 0208800                                                                                     | 80                                                                                          | 20     | 30 bar 150/-10°C                                                                                             | 375 l/min                                                                                                 |
|                                                                                                                                      | 1/2"                                                                                       | 15                                                                                                 | 0208801                                                                                     | 80                                                                                          | 20     |                                                                                                              | 490 l/min                                                                                                 |
|                                                                                                                                      | 3/4"                                                                                       | 20                                                                                                 | 0208802                                                                                     | 60                                                                                          | 15     |                                                                                                              | 835 l/min                                                                                                 |
|                                                                                                                                      | 1"                                                                                         | 25                                                                                                 | 0208803                                                                                     | 40                                                                                          | 10     |                                                                                                              | 1615 l/min                                                                                                |
|                                                                                                                                      | 1 1/4"                                                                                     | 32                                                                                                 | 0208804                                                                                     | 24                                                                                          | 6      |                                                                                                              | 2300 l/min                                                                                                |
|                                                                                                                                      | 1 1/2"                                                                                     | 40                                                                                                 | 0208805                                                                                     | 16                                                                                          | 4      |                                                                                                              | 2510 l/min                                                                                                |
|                                                                                                                                      | 2"                                                                                         | 50                                                                                                 | 0208806                                                                                     | 8                                                                                           | 2      |                                                                                                              | 14980 l/min                                                                                               |
| <br>M-280<br>BUTTERFLY                            | 1/2"                                                                                       | 15                                                                                                 | 0207801                                                                                     | 80                                                                                          | 20     | 30 bar 150/-10°C                                                                                             | 490 l/min                                                                                                 |
|                                                                                                                                      | 3/4"                                                                                       | 20                                                                                                 | 0207802                                                                                     | 60                                                                                          | 15     |                                                                                                              | 835 l/min                                                                                                 |
|                                                                                                                                      | 1"                                                                                         | 25                                                                                                 | 0207803                                                                                     | 40                                                                                          | 10     |                                                                                                              | 1615 l/min                                                                                                |

Other available references: see page 215





## C-511

The new ball valve with the best performance on the market



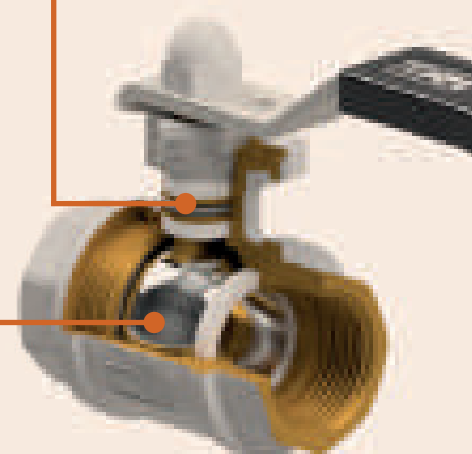
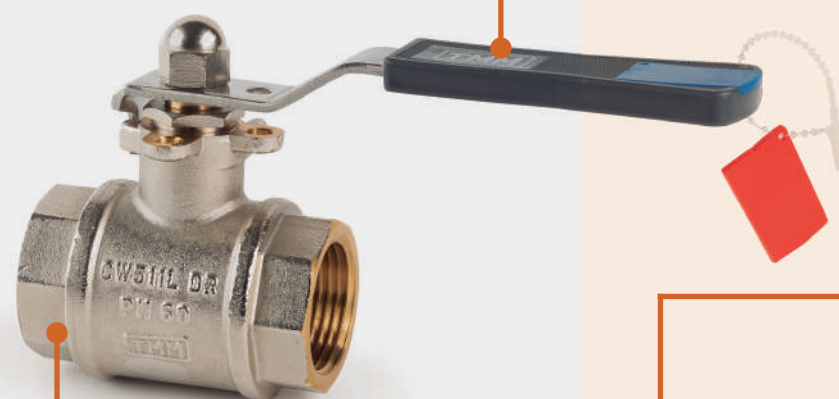
## Handle

### Stainless steel AISI-304. 2 in 1

With 1 single reference, the color can be customized to distinguish the hot and cold water pipes when they are installed.

## Shaft with FKM O-ring

- Reinforced external water tightness
- Multi-application valve



## Body and cover

### CW511L brass

- A very low lead content material for safer and more hygienic access to drinking water.
- DZR: dezincification resistant brass, which makes it more resistant to corrosion and increases the product's durability by 34%..

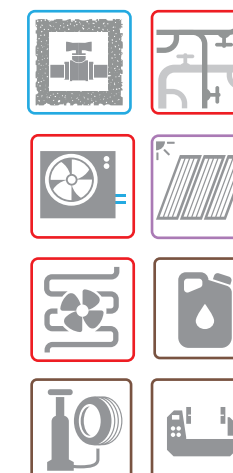
## Ball. CW511L brass and 100% full flow

- Low lead content, to ensure safer, healthier and more hygienic access to drinking water.
- The valve design guarantees the maximum possible flow rate with minimum pressure loss under its working conditions.

## C-511 PN60

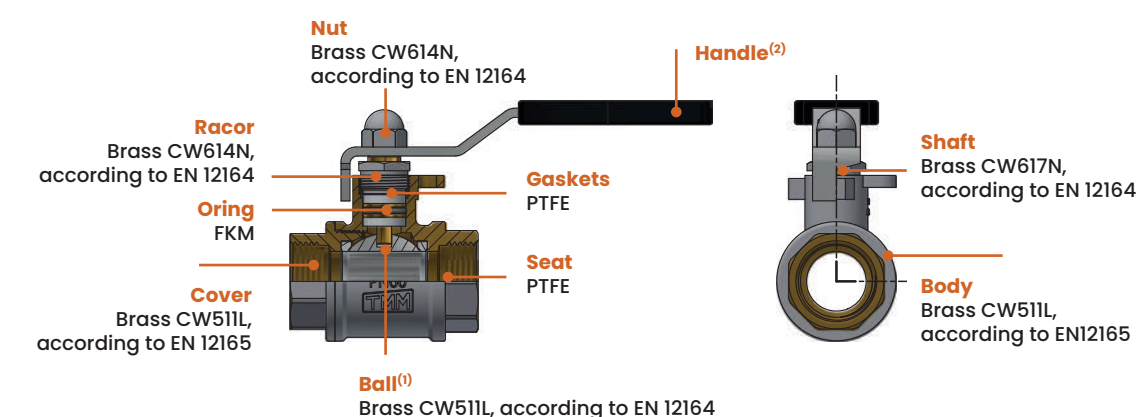


## Applications



- ✓ Universal. Maximum flow rate
- ✓ Leak-proof and pressure-resistant
- ✓ Double safety anti-leak system on the shaft
- ✓ Dezincification and anti-corrosion. 1/4 turn
- ✓ 2-color handle in 1
- ✓ Possibility of lever locking
- ✓ Low-lead brass

## Materials



## Certifications



## Information

<sup>(1)</sup> **Ball.** CW511L brass, according to EN12164.  
 Standard: chrome-plated surface treatment  
 AH anti-freeze: chrome-plated surface treatment  
 AC anti-limescale: green Teflon surface treatment  
 AH AC anti-freeze and anti-limescale: green Teflon surface treatment  
<sup>(2)</sup> **Handle**  
 AISI-304 stainless steel handle with polypropylene cover and anthracite grey including blue and red tabs  
 Butterfly. Brass with blue or red epoxy coating  
 Square: Nickel-plated brass

C-511 PN60



| Model                                                                  | Fittings | DN ØInt.<br>(mm) | Reference | Box units |        | Nominal<br>Pressure/Temp | Flow rate<br>at 3 bar |
|------------------------------------------------------------------------|----------|------------------|-----------|-----------|--------|--------------------------|-----------------------|
|                                                                        |          |                  |           | Big       | Little |                          |                       |
| C-511<br>HANDLE<br>STAINLESS<br>STEEL                                  | 1/4"     | 8                | 0201601   | 80        | 20     | 60 bar 150/-10°C         | 315 l/min             |
|                                                                        | 3/8"     | 10               | 0201602   | 80        | 20     |                          | 400 l/min             |
|                                                                        | 1/2"     | 15               | 0201603   | 60        | 15     |                          | 500 l/min             |
|                                                                        | 3/4"     | 20               | 0201604   | 40        | 10     |                          | 895 l/min             |
|                                                                        | 1"       | 25               | 0201605   | 24        | 6      |                          | 1675 l/min            |
|                                                                        | 1 1/4"   | 32               | 0201606   | 16        | 4      |                          | 2370 l/min            |
|                                                                        | 1 1/2"   | 40               | 0201607   | 12        | 3      |                          | 2600 l/min            |
|                                                                        | 2"       | 50               | 0201608   | 10        | n/a    |                          | 16655 l/min           |
|                                                                        | 2 1/2"   | 65               | 0201609   | 4         | n/a    |                          | 18765 l/min           |
|                                                                        | 3"       | 80               | 0201610   | 2         | n/a    |                          | 21650 l/min           |
| C-511<br>ANTI-FRREZE<br>HANDLE<br>STAINLESS<br>STEEL                   | 1/4"     | 8                | 0201701   | 80        | 20     | 60 bar 150/-30°C         | 315 l/min             |
|                                                                        | 3/8"     | 10               | 0201702   | 80        | 20     |                          | 400 l/min             |
|                                                                        | 1/2"     | 15               | 0201703   | 60        | 15     |                          | 500 l/min             |
|                                                                        | 3/4"     | 20               | 0201704   | 40        | 10     |                          | 895 l/min             |
|                                                                        | 1"       | 25               | 0201705   | 24        | 6      |                          | 1675 l/min            |
|                                                                        | 1 1/4"   | 32               | 0201706   | 16        | 4      |                          | 2370 l/min            |
|                                                                        | 1 1/2"   | 40               | 0201707   | 12        | 3      |                          | 2600 l/min            |
|                                                                        | 2"       | 50               | 0201708   | 10        | n/a    |                          | 16655 l/min           |
| C-511<br>ANTI-LIMESCALE<br>HANDLE<br>STAINLESS<br>STEEL                | 1/4"     | 8                | 0211601   | 80        | 20     | 60 bar 150/-10°C         | 315 l/min             |
|                                                                        | 3/8"     | 10               | 0211602   | 80        | 20     |                          | 400 l/min             |
|                                                                        | 1/2"     | 15               | 0211603   | 60        | 15     |                          | 500 l/min             |
|                                                                        | 3/4"     | 20               | 0211604   | 40        | 10     |                          | 895 l/min             |
|                                                                        | 1"       | 25               | 0211605   | 24        | 6      |                          | 1675 l/min            |
|                                                                        | 1 1/4"   | 32               | 0211606   | 16        | 4      |                          | 2370 l/min            |
|                                                                        | 1 1/2"   | 40               | 0211607   | 12        | 3      |                          | 2600 l/min            |
|                                                                        | 2"       | 50               | 0211608   | 10        | n/a    |                          | 16655 l/min           |
| C-511<br>ANTI-FRREZE<br>ANTI-LIMESCALE<br>HANDLE<br>STAINLESS<br>STEEL | 1/4"     | 8                | 0211701   | 80        | 20     | 60 bar 150/-30°C         | 315 l/min             |
|                                                                        | 3/8"     | 10               | 0211702   | 80        | 20     |                          | 400 l/min             |
|                                                                        | 1/2"     | 15               | 0211703   | 60        | 15     |                          | 500 l/min             |
|                                                                        | 3/4"     | 20               | 0211704   | 40        | 10     |                          | 895 l/min             |
|                                                                        | 1"       | 25               | 0211705   | 24        | 6      |                          | 1675 l/min            |
|                                                                        | 1 1/4"   | 32               | 0211706   | 16        | 4      |                          | 2370 l/min            |
|                                                                        | 1 1/2"   | 40               | 0211707   | 12        | 3      |                          | 2600 l/min            |
|                                                                        | 2"       | 50               | 0211708   | 10        | n/a    |                          | 16655 l/min           |

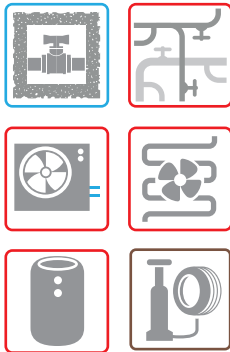
| Model                                                                                                                    | Fittings | DN ØInt.<br>(mm) | Reference | Box units |        | Nominal<br>Pressure/Temp | Flow rate<br>at 3 bar |
|--------------------------------------------------------------------------------------------------------------------------|----------|------------------|-----------|-----------|--------|--------------------------|-----------------------|
|                                                                                                                          |          |                  |           | Big       | Little |                          |                       |
|  C-511<br>BUTTERFLY                   | 1/4"     | 8                | 0202101   | 80        | 20     | 60 bar 150/-10°C         | 315 l/min             |
|                                                                                                                          | 3/8"     | 10               | 0202102   | 80        | 20     |                          | 400 l/min             |
|                                                                                                                          | 1/2"     | 15               | 0202103   | 60        | 15     |                          | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0202104   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0202105   | 24        | 6      |                          | 1675 l/min            |
| C-511<br>ANTI-FRREZE<br>BUTTERFLY                                                                                        | 1/4"     | 8                | 0202201   | 80        | 20     | 60 bar 150/-30°C         | 315 l/min             |
|                                                                                                                          | 3/8"     | 10               | 0202202   | 80        | 20     |                          | 400 l/min             |
|                                                                                                                          | 1/2"     | 15               | 0202203   | 60        | 15     |                          | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0202204   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0202205   | 24        | 6      |                          | 1675 l/min            |
| C-511<br>SQUARE                                                                                                          | 1/2"     | 15               | 0203101   | 60        | 15     | 60 bar 150/-10°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0203102   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0203103   | 24        | 6      |                          | 1675 l/min            |
|                                                                                                                          | 1 1/4"   | 32               | 0203104   | 16        | 4      |                          | 2370 l/min            |
|                                                                                                                          | 1 1/2"   | 40               | 0203105   | 12        | 3      |                          | 2600 l/min            |
|                                                                                                                          | 2"       | 50               | 0203106   | 10        | n/a    |                          | 16655 l/min           |
|                                                                                                                          | 2 1/2"   | 65               | 0203107   | 4         | n/a    |                          | 18765 l/min           |
|                                                                                                                          | 3"       | 80               | 0203108   | 2         | n/a    |                          | 21650 l/min           |
| C-511<br>ANTI-FRREZE<br>SQUARE                                                                                           | 1/2"     | 15               | 0203201   | 60        | 15     | 60 bar 150/-30°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0203202   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0203203   | 24        | 6      |                          | 1675 l/min            |
|                                                                                                                          | 1 1/4"   | 32               | 0203204   | 16        | 4      |                          | 2370 l/min            |
|                                                                                                                          | 1 1/2"   | 40               | 0203205   | 12        | 3      |                          | 2600 l/min            |
|                                                                                                                          | 2"       | 50               | 0203206   | 10        | n/a    |                          | 16655 l/min           |
| C-511<br>ANTI-LIMESCALE<br>SQUARE                                                                                        | 1/2"     | 15               | 0213101   | 60        | 15     | 60 bar 150/-10°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0213102   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0213103   | 24        | 6      |                          | 1675 l/min            |
|                                                                                                                          | 1 1/4"   | 32               | 0213104   | 16        | 4      |                          | 2370 l/min            |
|                                                                                                                          | 1 1/2"   | 40               | 0213105   | 12        | 3      |                          | 2600 l/min            |
|                                                                                                                          | 2"       | 50               | 0213106   | 10        | n/a    |                          | 16655 l/min           |
| C-511 MH<br>HANDLE<br>STAINLESS STEEL                                                                                    | 1/2"     | 15               | 0204501   | 60        | 15     | 60 bar 150/-10°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0204502   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0204503   | 24        | 6      |                          | 1675 l/min            |
| C-511 MH<br>ANTI-FRREZE<br>HANDLE<br>STAINLESS STEEL                                                                     | 1/2"     | 15               | 0204601   | 60        | 15     | 60 bar 150/-30°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0204602   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0204603   | 24        | 6      |                          | 1675 l/min            |
| C-511 MH<br>ANTI-LIMESCALE<br>HANDLE<br>STAINLESS STEEL                                                                  | 1/2"     | 15               | 0214501   | 60        | 15     | 60 bar 150/-10°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0214502   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0214503   | 24        | 6      |                          | 1675 l/min            |
| C-511 MH<br>ANTI-FRREZE<br>ANTI-LIMESCALE<br>HANDLE<br>STAINLESS STEEL                                                   | 1/2"     | 15               | 0214601   | 60        | 15     | 60 bar 150/-30°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0214602   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0214603   | 24        | 6      |                          | 1675 l/min            |
|  C-511 MH<br>BUTTERFLY              | 1/2"     | 15               | 0204301   | 60        | 15     | 60 bar 150/-10°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0204302   | 40        | 10     |                          | 895 l/min             |
|                                                                                                                          | 1"       | 25               | 0204303   | 24        | 6      |                          | 1675 l/min            |
|  C-502<br>HANDLE<br>STAINLESS STEEL | 1/2"     | 15               | 0205101   | 48        | 12     | 60 bar 150/-10°C         | 500 l/min             |
|                                                                                                                          | 3/4"     | 20               | 0205102   | 40        | 10     |                          | 895 l/min             |



I-500 PN80

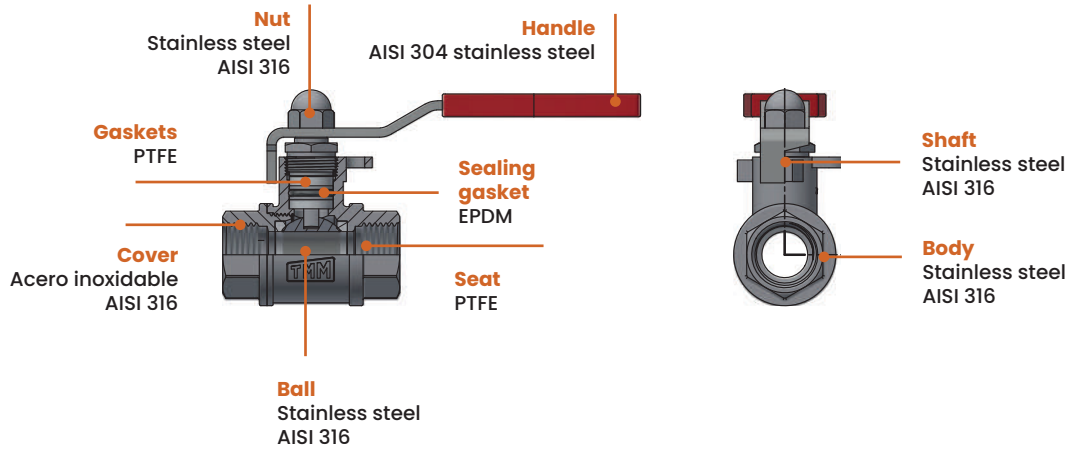


Applications



- ✓ Made with AISI316: highly resistant
- ✓ Maximum flow rate
- ✓ Anti-leak system on the shaft
- ✓ Anti-corrosion
- ✓ Ergonomic UV-resistant handle
- ✓ Padlockable handle
- ✓ 1/4 turn

Materials



Certifications

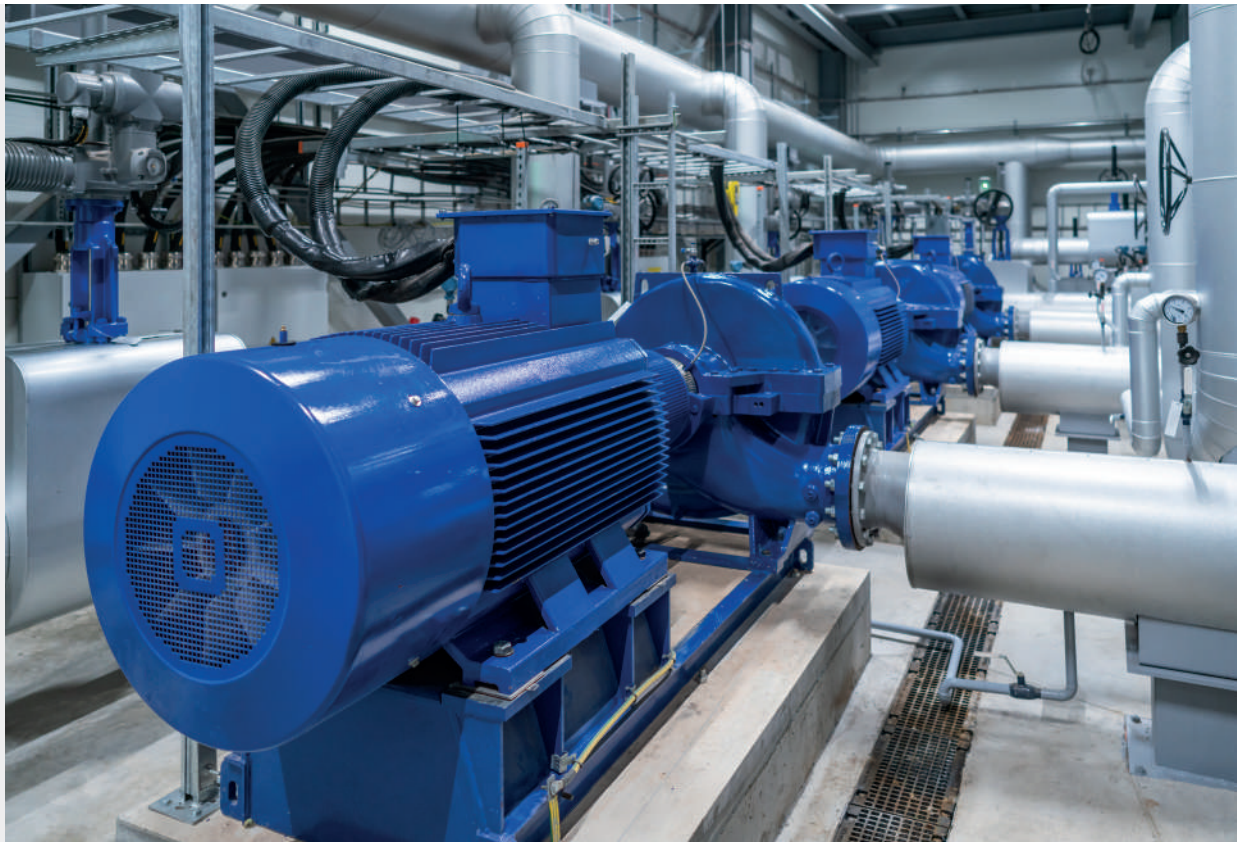


Options

**Color**  
■ Blue

To order a handle in a color other than the turquoise blue of the model, you must mark the first letter of the color at the end of the code

**Example**  
Handle Blue: 0201505A



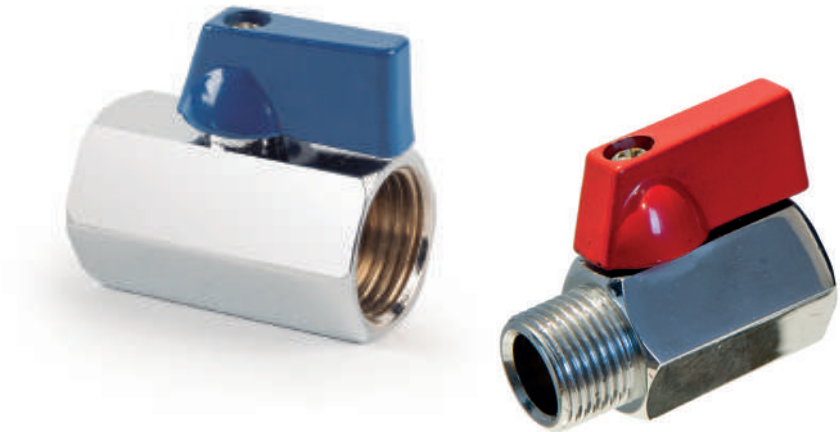
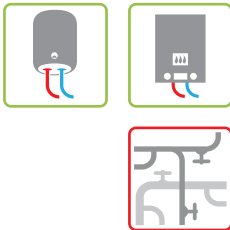
| I-500<br>HANDLE<br>DACROMET STEEL | Fittings | DN ØInt.<br>(mm) | #<br>Reference | Box units |     | Nominal<br>Pressure/Temp | Flow rate<br>at 3 bar |
|-----------------------------------|----------|------------------|----------------|-----------|-----|--------------------------|-----------------------|
|                                   | 1/4"     | 8                | 0201501        | 80        | 20  | 80 bar 150/-10°C         | 315 l/min             |
|                                   | 3/8"     | 10               | 0201502        | 80        | 20  |                          | 400 l/min             |
|                                   | 1/2"     | 15               | 0201503        | 60        | 15  |                          | 500 l/min             |
|                                   | 3/4"     | 20               | 0201504        | 40        | 10  |                          | 895 l/min             |
|                                   | 1"       | 25               | 0201505        | 24        | 6   |                          | 1675 l/min            |
|                                   | 1 1/4"   | 32               | 0201506        | 16        | 4   |                          | 2370 l/min            |
|                                   | 1 1/2"   | 40               | 0201507        | 12        | 3   |                          | 2600 l/min            |
|                                   | 2"       | 50               | 0201508        | 10        | n/a |                          | 16655 l/min           |
|                                   | 2 1/2"   | 65               | 0201509        | 4         | n/a |                          | 18765 l/min           |
|                                   | 3"       | 80               | 0201510        | 2         | n/a |                          | 21650 l/min           |
|                                   | 4"       | 100              | 0201511        | 2         | n/a |                          | 25900 l/min           |

Otras referencias disponibles: ver pág. 218

C-800 PN20

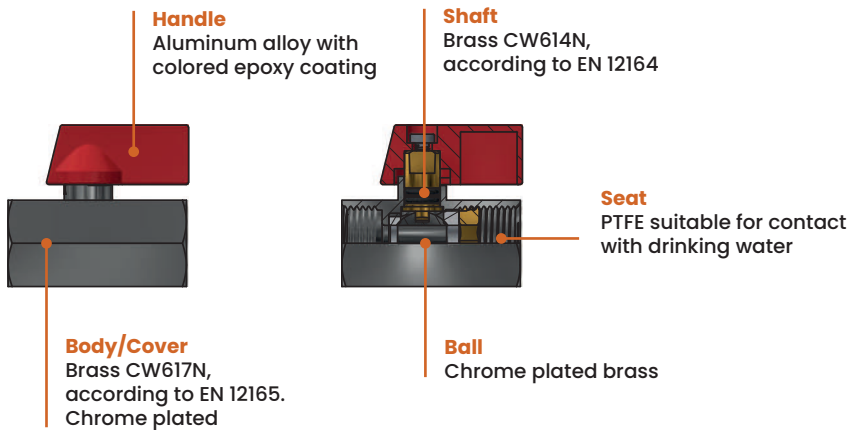


Applications



- ✓ Anti-leak
- ✓ High pressure resistance
- ✓ Optimized design
- ✓ 1 piece solid body
- ✓ Anti-leak system on the shaft
- ✓ 1/4 turn

Materials



Certifications



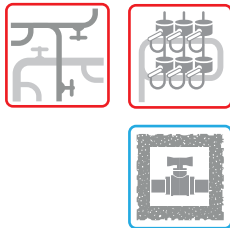
| Model                                                                                                  | Fittings | DN ØInt. (mm) | # Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|--------------------------------------------------------------------------------------------------------|----------|---------------|-------------|-----------|--------|-----------------------|--------------------|
|                                                                                                        |          |               |             | Big       | Little |                       |                    |
| <br>C-800<br>Blue | 1/4"     | 8             | 0701001     | 200       | 50     | 20 bar 70/0°C         | 280 l/min          |
|                                                                                                        | 3/8"     | 10            | 0701002     | 200       | 50     |                       | 315 l/min          |
|                                                                                                        | 1/2"     | 15            | 0701003     | 200       | 50     |                       | 400 l/min          |
|                                                                                                        | 3/4"     | 20            | 0701004     | 120       | 30     |                       | 500 l/min          |
|                                                                                                        | 1/4"     | 8             | 0701006     | 200       | 50     |                       | 280 l/min          |
|                                                                                                        | 3/8"     | 10            | 0701007     | 200       | 50     |                       | 315 l/min          |
| <br>C-801<br>Red  | 1/2"     | 15            | 0701008     | 200       | 50     | 20 bar 70/0°C         | 400 l/min          |
|                                                                                                        | 3/4"     | 20            | 0701009     | 120       | 30     |                       | 500 l/min          |
|                                                                                                        | 1/4"     | 8             | 0701101     | 200       | 50     |                       | 280 l/min          |
|                                                                                                        | 3/8"     | 10            | 0701102     | 200       | 50     |                       | 315 l/min          |
|                                                                                                        | 1/2"     | 15            | 0701103     | 200       | 50     |                       | 400 l/min          |
|                                                                                                        | 3/4"     | 20            | 0701104     | 120       | 30     |                       | 500 l/min          |
| <br>C-801<br>Blue | 1/4"     | 8             | 0701106     | 200       | 50     | 20 bar 70/0°C         | 280 l/min          |
|                                                                                                        | 3/8"     | 10            | 0701107     | 200       | 50     |                       | 315 l/min          |
|                                                                                                        | 1/2"     | 15            | 0701108     | 200       | 50     |                       | 400 l/min          |
|                                                                                                        | 3/4"     | 20            | 0701109     | 120       | 30     |                       | 500 l/min          |
|                                                                                                        | 1/4"     | 8             | 0701101     | 200       | 50     |                       | 280 l/min          |
|                                                                                                        | 3/8"     | 10            | 0701102     | 200       | 50     |                       | 315 l/min          |



M-550 PN16

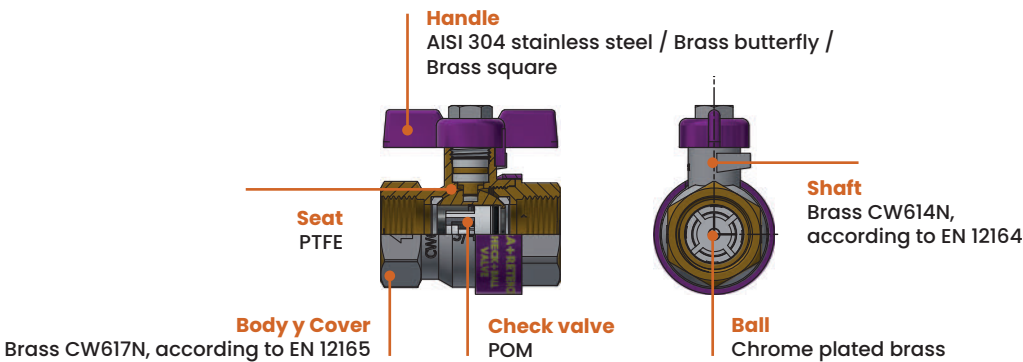


Applications



- ✓ Anti-leak
- ✓ High pressure resistance
- ✓ Incorporated backflow system
- ✓ Anti-leak system on the shaft
- ✓ Corrosion resistance
- ✓ Ergonomic UV-resistant handle
- ✓ 1/4 turn

Materials



Nickel-plated external brass surfaces.  
All surfaces in contact with water are nickel-free

Certifications



Options

- Color**
- Blue
  - Red

To order a handle in a color other than the turquoise blue of the model, you must mark the first letter of the color at the end of the code

**Example**  
Handle Blue: 0208105A  
Handle Red: 0208105R



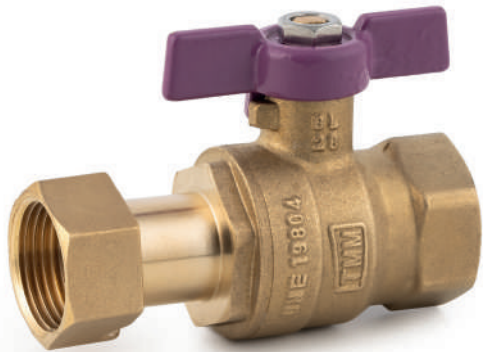
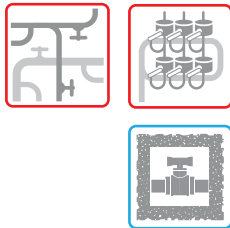
| Model                                                                                                                                 | Fittings | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|---------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|                                                                                                                                       |          |               |           | Big       | Little |                       |                    |
| <br><b>M-550</b><br>HANDLE<br>STAINLESS<br>STEEL | 1/2"     | 15            | 0208010   | 80        | 20     | 16 bar 70/-10°C       | 490 l/min          |
|                                                                                                                                       | 3/4"     | 20            | 0208011   | 60        | 15     |                       | 835 l/min          |
|                                                                                                                                       | 1"       | 25            | 0208012   | 32        | 8      |                       | 1615 l/min         |
|                                                                                                                                       | 1 1/4"   | 32            | 0208004   | 24        | 6      |                       | 2300 l/min         |
|                                                                                                                                       | 1 1/2"   | 40            | 0208005   | 16        | 4      |                       | 2510 l/min         |
|                                                                                                                                       | 2"       | 50            | 0208006   | 8         | n/a    |                       | 14980 l/min        |
| <br><b>M-550</b><br>BUTTERFLY                    | 1/2"     | 15            | 0208104   | 80        | 20     | 16 bar 70/-10°C       | 490 l/min          |
|                                                                                                                                       | 3/4"     | 20            | 0208105   | 60        | 15     |                       | 835 l/min          |
|                                                                                                                                       | 1"       | 25            | 0208106   | 32        | 8      |                       | 1615 l/min         |
| <br><b>M-550</b><br>SQUARE                       | 3/4"     | 20            | 0208202   | 60        | 15     | 16 bar 70/-10°C       | 835 l/min          |
|                                                                                                                                       | 1"       | 25            | 0208203   | 32        | 8      |                       | 1615 l/min         |



M-505 PN20



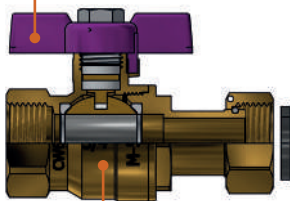
Applications



- ✓ Anti-leak. High pressure resistance
- ✓ Easy installation with swivel nut and flat gasket
- ✓ Anti-leak system on the shaft
- ✓ Handle suitable for small spaces
- ✓ 1/4 turn

Materials

Handle  
BUTTERFLY de latón



Body, ball, connections,  
shaft and metal parts  
Brass CW617N, EN 12165  
and 12164



**Water tightness**  
PTFE seats

**PTFE seals**  
To ensure axial tightness and prevent incrustations

**Connections**  
ISO 228 female thread / ISO 228 female threaded swivel nut

**Swivel nut**  
The swivel nut is attached to the body using a locking washer; TMM valves guarantee greater tightness and resistance to clamping force.

Certifications



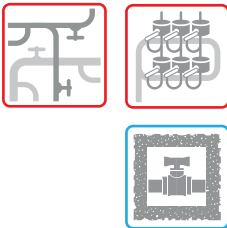
| Model                                                                                                              | <br>Fittings | <br>DN ØInt.<br>(mm) | <br>Reference | <br>Box units |        | <br>Nominal<br>Pressure/Temp | <br>Flow rate<br>at 3 bar |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|                                                                                                                    |                                                                                                   |                                                                                                           |                                                                                                    | Big                                                                                                | Little |                                                                                                                   |                                                                                                                |
| <br><b>M-505</b><br>BUTTERFLY | 3/4" x TL3/4"                                                                                     | 20                                                                                                        | 0209101                                                                                            | 40                                                                                                 | 10     | 20 bar 70/-10°C                                                                                                   | 835 l/min                                                                                                      |
|                                                                                                                    | 3/4" x TL7/8"                                                                                     |                                                                                                           | 0209102                                                                                            |                                                                                                    |        |                                                                                                                   | 835 l/min                                                                                                      |
|                                                                                                                    | 3/4" x TL1"                                                                                       |                                                                                                           | 0209103                                                                                            |                                                                                                    |        |                                                                                                                   | 835 l/min                                                                                                      |
|                                                                                                                    | 1" x TL1"                                                                                         | 25                                                                                                        | 0209104                                                                                            | 32                                                                                                 | 8      |                                                                                                                   | 1615 l/min                                                                                                     |
|                                                                                                                    |                                                                                                   |                                                                                                           |                                                                                                    |                                                                                                    |        |                                                                                                                   |                                                                                                                |
| <br><b>M-555</b><br>BUTTERFLY | 3/4" x TL3/4"                                                                                     | 20                                                                                                        | 0208605                                                                                            | 40                                                                                                 | 10     | 16 bar 70/-10°C                                                                                                   | 835 l/min                                                                                                      |
|                                                                                                                    | 3/4" x TL7/8"                                                                                     |                                                                                                           | 0208606                                                                                            |                                                                                                    |        |                                                                                                                   | 835 l/min                                                                                                      |
|                                                                                                                    | 3/4" x TL1"                                                                                       |                                                                                                           | 0208607                                                                                            |                                                                                                    |        |                                                                                                                   | 835 l/min                                                                                                      |
|                                                                                                                    | 1" x TL1"                                                                                         | 25                                                                                                        | 0208608                                                                                            |                                                                                                    |        |                                                                                                                   | 1615 l/min                                                                                                     |
|                                                                                                                    |                                                                                                   |                                                                                                           |                                                                                                    |                                                                                                    |        |                                                                                                                   |                                                                                                                |



M-525 PN20

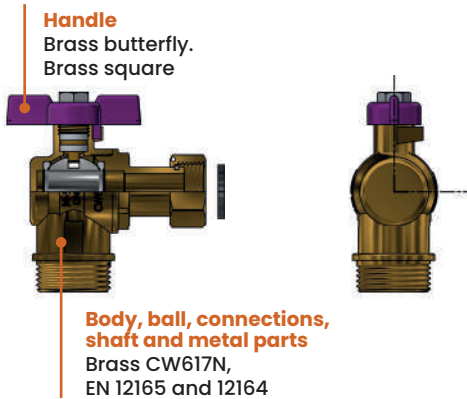


Applications



- ✓  
Anti-leak
- ✓  
High pressure resistance
- ✓  
Easy installation with swivel nut and flat gasket
- ✓  
Anti-leak system on the shaft
- ✓  
Handle suitable for small spaces
- ✓  
Universal threaded connection
- ✓  
1/4 turn

Materials



- Handle**  
Brass butterfly.  
Brass square
- Water tightness**  
PTFE seats
- PTFE seals**  
To ensure axial tightness and prevent incrustation
- Same valve body**  
regardless of the type of pipe connection: Male / Female / Flange
- Connections**  
ISO 228 female thread / ISO 228 female threaded swivel nut
- Swivel nut**  
The swivel nut is attached to the body using a locking washer; TMM valves guarantee greater tightness and resistance to clamping force.

Certifications

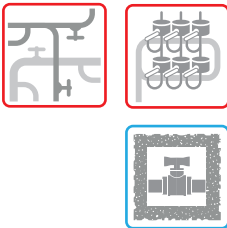


| Model                                 | Fittings       | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|---------------------------------------|----------------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|                                       |                |               |           | Big       | Little |                       |                    |
| <b>M-525</b> BUTTERFLY                | 3/4" x TL3/4"  | 20            | 0302501   | 40        | 10     | 20 bar 70/-10°C       | 720 l/min          |
|                                       | 3/4" x TL7/8"  |               | 0302502   |           |        |                       |                    |
| <b>M-525</b> ANTI-LIMESCALE BUTTERFLY | 3/4" x TL3/4"  | 20            | 0312501   | 40        | 10     | 20 bar 70/-10°C       | 720 l/min          |
|                                       | 3/4" x TL7/8"  |               | 0312502   |           |        |                       |                    |
| <b>M-545</b> BUTTERFLY                | BRIDA x TL3/4" | 20            | 0302601   | 24        | 6      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | BRIDA x TL7/8" |               | 0302602   |           |        |                       |                    |
| <b>M-545</b> ANTI-LIMESCALE BUTTERFLY | BRIDA x TL3/4" | 20            | 0312601   | 24        | 6      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | BRIDA x TL7/8" |               | 0312602   |           |        |                       |                    |
| <b>M-525</b> SQUARE                   | 3/4" x TL3/4"  | 20            | 0302701   | 40        | 10     | 20 bar 70/-10°C       | 720 l/min          |
|                                       | 3/4" x TL7/8"  |               | 0302702   |           |        |                       |                    |
| <b>M-525</b> ANTI-LIMESCALE SQUARE    | 3/4" x TL3/4"  | 20            | 0312701   | 40        | 10     | 20 bar 70/-10°C       | 720 l/min          |
|                                       | 3/4" x TL7/8"  |               | 0312702   |           |        |                       |                    |
| <b>M-545</b> SQUARE                   | BRIDA x TL3/4" | 20            | 0302801   | 24        | 6      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | BRIDA x TL7/8" |               | 0302802   |           |        |                       |                    |
| <b>M-545</b> ANTI-LIMESCALE SQUARE    | BRIDA x TL3/4" | 20            | 0312801   | 24        | 6      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | BRIDA x TL7/8" |               | 0312802   |           |        |                       |                    |
| <b>M-565</b> BUTTERFLY                | PE25 x TL3/4"  | 20            | 0303101   | 20        | 5      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | PE25 x TL7/8"  |               | 0303102   |           |        |                       |                    |
| <b>M-565</b> ANTI-LIMESCALE BUTTERFLY | PE32 x TL3/4"  | 20            | 0303104   | 20        | 5      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | PE32 x TL7/8"  |               | 0303105   |           |        |                       |                    |
| <b>M-565</b> SQUARE                   | PE25 x TL3/4"  | 20            | 0313101   | 20        | 5      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | PE25 x TL7/8"  |               | 0313102   |           |        |                       |                    |
| <b>M-565</b> ANTI-LIMESCALE SQUARE    | PE32 x TL3/4"  | 20            | 0313104   | 20        | 5      | 20 bar 70/-10°C       | 720 l/min          |
|                                       | PE32 x TL7/8"  |               | 0313105   |           |        |                       |                    |

M-515 PN16

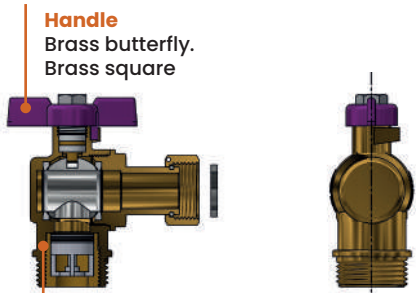


Applications



- ✓ Anti-leak & High pressure resistance
- ✓ Incorporated backflow system
- ✓ Easy installation with swivel nut and flat gasket
- ✓ Anti-leak system on the shaft
- ✓ Handle suitable for small spaces
- ✓ 1/4 TURN
- ✓ Universal threaded connection

Materials



**Handle**  
Brass butterfly.  
Brass square

**Body, Ball, conexiones, Shaft y partes metálicas**  
Latón CW617N,  
EN 12165 y 12164

**Internal tightness.** PTFE seats  
**PTFE seals.** To ensure axial tightness and prevent incrustations  
**Same valve body** regardless of the type of connection to the pipe: Male / Female / Flange  
**Connections.** ISO 228 female thread / ISO 228 female threaded swivel nut  
**Swivel nut**  
The swivel nut is attached to the body using a locking washer; TMM valves guarantee greater tightness and resistance to clamping force  
**POM CHECK VALVE**

Certifications



| Model                  | Fittings      | DN ØInt. (mm) | # Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|------------------------|---------------|---------------|-------------|-----------|--------|-----------------------|--------------------|
|                        |               |               |             | Big       | Little |                       |                    |
| <b>M-515 BUTTERFLY</b> | 3/4" x TL3/4" | 20            | 0304601     | 40        | 10     | 16 bar 70/-10°C       | 720 l/min          |
|                        | 3/4" x TL7/8" |               | 0304602     |           |        |                       |                    |
| <b>M-516 BUTTERFLY</b> | 3/4" x TL3/4" | 20            | 0304501     | 24        | 6      | 16 bar 70/-10°C       | 720 l/min          |
|                        | 3/4" x TL7/8" |               | 0304502     |           |        |                       |                    |
| <b>M-575 BUTTERFLY</b> | PE25 x TL3/4" | 20            | 0305101     | 20        | 5      | 16 bar 70/-10°C       | 720 l/min          |
|                        | PE25 x TL7/8" |               | 0305102     |           |        |                       |                    |
|                        | PE32 x TL3/4" |               | 0305104     |           |        |                       |                    |
|                        | PE32 x TL7/8" |               | 0305105     |           |        |                       |                    |
| <b>M-576 BUTTERFLY</b> | PE25 x TL3/4" | 20            | 0305201     | 20        | 5      | 16 bar 70/-10°C       | 720 l/min          |
|                        | PE25 x TL7/8" |               | 0305202     |           |        |                       |                    |
|                        | PE32 x TL3/4" |               | 0305204     |           |        |                       |                    |
|                        | PE32 x TL7/8" |               | 0305205     |           |        |                       |                    |





# Other valves

|                         |     |
|-------------------------|-----|
| C-340 Check valve       | 178 |
| Filter valve C-340      | 179 |
| G-500 Gate valve        | 180 |
| Y-300 Filter valve "Y"  | 181 |
| C-361 PN7 Safety valve  | 182 |
| C-361 PN10 Safety valve | 182 |
| WC tank Safety valve    | 183 |

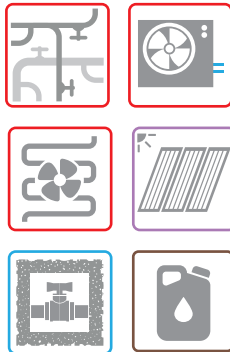




# C-340 PN30 Check valve

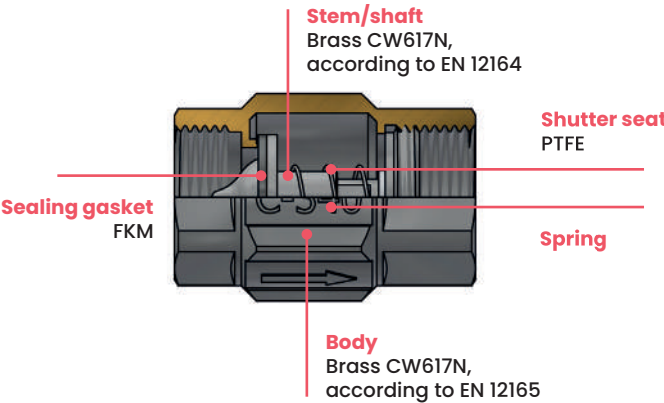


Applications



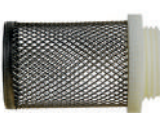
- ✓ Anti-contamination
- ✓ Anti-backflow
- ✓ High pressure resistance
- ✓ 1 piece solid body
- ✓ Corrosion resistance

Materials



Certifications



| Model                                                                                                     | Fittings | DN ØInt. (mm) | # Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|-----------------------------------------------------------------------------------------------------------|----------|---------------|-------------|-----------|--------|-----------------------|--------------------|
|                                                                                                           |          |               |             | Big       | Little |                       |                    |
|  <b>C-340</b>        | 3/8"     | 10            | 0501200     | 200       | 50     | 30 bar 150/0°C        | 30 l/min           |
|                                                                                                           | 1/2"     | 15            | 0501201     | 160       | 40     |                       | 85 l/min           |
|                                                                                                           | 3/4"     | 20            | 0501202     | 100       | 25     |                       | 230 l/min          |
|                                                                                                           | 1"       | 25            | 0501203     | 64        | 16     |                       | 460 l/min          |
|                                                                                                           | 1 1/4"   | 32            | 0501204     | 40        | 10     |                       | 980 l/min          |
|                                                                                                           | 1 1/2"   | 40            | 0501205     | 24        | 6      |                       | 1470 l/min         |
|                                                                                                           | 2"       | 50            | 0501206     | 16        | 4      |                       | 2425 l/min         |
|                                                                                                           | 2 1/2"   | 65            | 0501207     | 9         | n/a    |                       | 3030 l/min         |
|  <b>FILTER C-340</b> | 3"       | 80            | 0501208     | 5         | n/a    | 30 bar 150/0°C        | 3750 l/min         |
|                                                                                                           | 1/2"     | 15            | 0501501     | 200       | 50     |                       |                    |
|                                                                                                           | 3/4"     | 20            | 0501502     | 160       | 40     |                       |                    |
|                                                                                                           | 1"       | 25            | 0501503     | 100       | 25     |                       |                    |
|                                                                                                           | 1 1/4"   | 32            | 0501504     | 60        | 15     |                       |                    |
|                                                                                                           | 1 1/2"   | 40            | 0501505     | 40        | 10     |                       |                    |
|                                                                                                           | 2"       | 50            | 0501506     | 20        | 5      |                       |                    |
|                                                                                                           | 2 1/2"   | 65            | 0501507     | 12        | 3      |                       |                    |
|                                                                                                           | 3"       | 80            | 0501508     | 8         | 2      |                       |                    |



## G-500 PN16 Gate valve



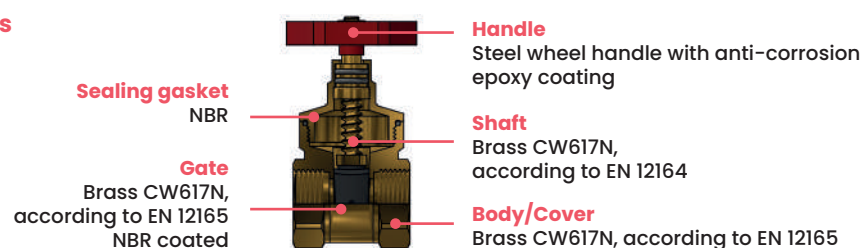
+ info



### Applications



### Materials

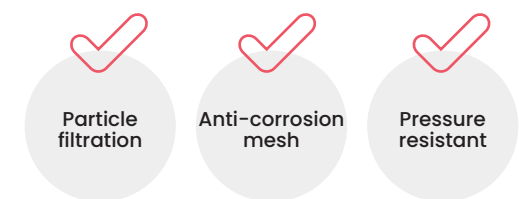


### Certifications

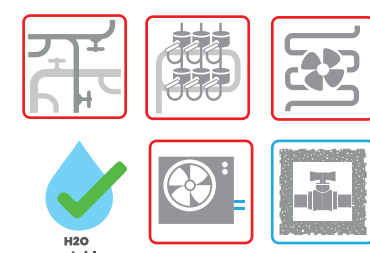


| Fittings | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp | Flow rate at 3 bar |
|----------|---------------|-----------|-----------|--------|-----------------------|--------------------|
|          |               |           | Big       | Little |                       |                    |
| 1/2"     | 15            | 0311001   | 36        | 18     | 16 bar 90/-20°C       | 215 l/min          |
| 3/4"     | 20            | 0311002   | 24        | 12     |                       | 490 l/min          |
| 1"       | 25            | 0311003   | 24        | 6      |                       | 950 l/min          |
| 1 1/4"   | 32            | 0311004   | 16        | 4      |                       | 1430 l/min         |
| 1 1/2"   | 40            | 0311005   | 8         | 2      |                       | 2540 l/min         |
| 2"       | 50            | 0311006   | 8         | 2      |                       | 4070 l/min         |
| 2 1/2"   | 65            | 0311007   | 2         | 1      |                       | 9350 l/min         |
| 3"       | 80            | 0311008   | 2         | 1      |                       | 10680 l/min        |
| 4"       | 100           | 0311009   | 1         | n/a    |                       | 11550 l/min        |

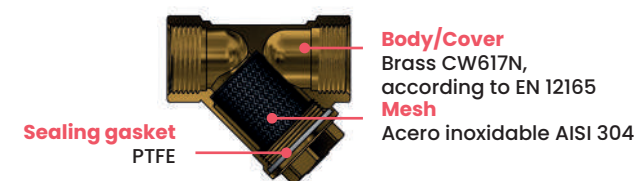
## Y-300 PN16 Filter "Y"



### Applications



### Materials



### Certifications



| Fittings | DN ØInt. (mm) | Reference | Box units |        | Nominal Pressure/Temp |
|----------|---------------|-----------|-----------|--------|-----------------------|
|          |               |           | Big       | Little |                       |
| 1/2"     | 15            | 0321001   | 80        | 20     | 16 bar 90/-20°C       |
| 3/4"     | 20            | 0321002   | 60        | 15     |                       |
| 1"       | 25            | 0321003   | 40        | 10     |                       |
| 1 1/4"   | 32            | 0321004   | 20        | 5      |                       |
| 1 1/2"   | 40            | 0321005   | 16        | 4      |                       |
| 2"       | 50            | 0321006   | 8         | 2      |                       |

C-361 PN7-PN10  
Safety valve

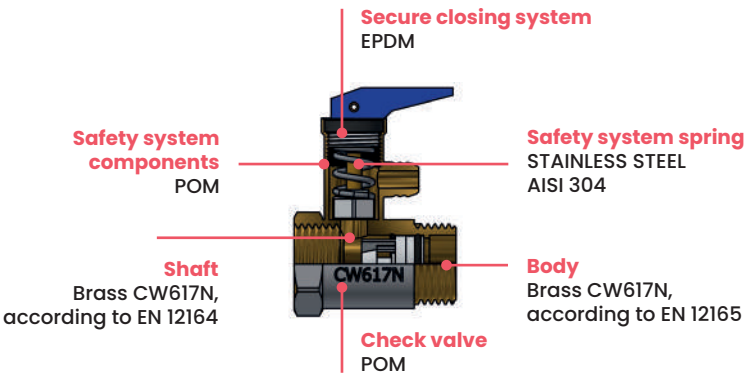


Applications



- Protects the system against over-pressure
- Built-in anti-return system
- Built-in manual purge system
- Corrosion resistant

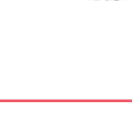
Materials



Nickel-plated brass (external surface).  
All surfaces in contact with water are nickel-free.

Certifications



| Modelo                                                                                              | Fittings | DN ØInt. (mm) | Reference | Unidades box |      | Presión/Temp nominal | Caudal a 3 bar         |
|-----------------------------------------------------------------------------------------------------|----------|---------------|-----------|--------------|------|----------------------|------------------------|
|                                                                                                     |          |               |           | Grande       | Peq. |                      |                        |
|  C-361<br>PN7  | 1/2"     | 15            | 0601101   | 200          | 50   | 7 bar 70/0°C         | 490 l/min<br>835 l/min |
|                                                                                                     | 3/4"     | 20            | 0601102   | 120          | 30   |                      |                        |
|  C-361<br>PN10 | 1/2"     | 15            | 0602101   | 200          | 50   | 10 bar 70/0°C        | 490 l/min<br>835 l/min |
|                                                                                                     | 3/4"     | 20            | 0602102   | 120          | 30   |                      |                        |
| WATER HEATER KIT                                                                                    |          |               |           |              |      |                      |                        |
|                |          |               |           |              |      |                      |                        |
| C361-PN10-1/2<br>2x TAQ-SU-<br>PER-ACB-<br>MG-1212-400                                              |          |               | 207456    | 20           | 1    |                      |                        |





## Accessories flexible and valves

|                      |     |
|----------------------|-----|
| Seals                | 186 |
| Levers               | 188 |
| Garden tap spout     | 189 |
| Counter valve flange | 189 |

# Water accessories



**NARROW RUBBER SEALS**  
Application: suitable for water, gas (material approved under EN549), oils and greases. Working temperature: -20°C to +80°C. Material: NBR

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 10 x 14 x 2                          | 100        | 9701      |
| 1/2"            | 13 x 18 x 2,2                        | 100        | 9702      |
| 3/4"            | 18,5 x 23,5 x 2,5                    | 100        | 9703      |
| 1"              | 24 x 29 x 2,5                        | 50         | 9704      |
| 1 1/4"          | 32 x 38 x 2,5                        | 10         | 9705      |
| 1 1/2"          | 37 x 44 x 2,5                        | 10         | 9706      |
| 2"              | 47 x 54 x 3                          | 10         | 9707      |



**WIDE RUBBER SEALS**  
Application: suitable for drinking water and food. Working temperature: -10°C to +80°C. Material: Ozone-resistant EPDM.

|      |               |     |      |
|------|---------------|-----|------|
| 3/8" | 9 x 14 x 2    | 100 | 1000 |
| 1/2" | 10,5 x 18 x 2 | 100 | 1001 |
| 3/4" | 13 x 24 x 2   | 100 | 1648 |



**NARROW FIBER GASKETS**  
Application: wide range of common use for domestic and industrial use. Working temperature: 0°C to 150°C. Material: Fiber Pressed mineral without asbestos. Low gas permeability (less than 0.5 cm<sup>3</sup>/min according to DIN353576).

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 10 x 14 x 1,5                        | 100        | 684       |
| 1/2"            | 13 x 18 x 1,5                        | 100        | 685       |
| 3/4"            | 18,2 x 23,5 x 1,5                    | 100        | 686       |
| 1"              | 24 x 29 x 1,5                        | 50         | 835       |
| 1 1/4"          | 32 x 38 x 2                          | 10         | 836       |
| 1 1/2"          | 37 x 44 x 2                          | 10         | 837       |
| 2"              | 47 x 54 x 2                          | 10         | 838       |



**FIBER RADIATOR GASKETS**  
Working temperature: 0°C to 150°C. Material: Mineral fiber pressed without asbestos. Low gas permeability (less than 0.5 cm<sup>3</sup>/min according to DIN353576).

|    |                   |    |      |
|----|-------------------|----|------|
| 1" | 32,5 x 47,5 x 1,5 | 25 | 9801 |
|----|-------------------|----|------|



**NARROW PTFE GASKETS**  
Working temperature: 0°C to 200°C. Material: FDA approved PTFE; great chemical and water vapour resistance. (less than 0.5 cm<sup>3</sup>/min according to DIN353576).

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 10 x 14 x 2                          | 25         | 9713      |
| 1/2"            | 13 x 18 x 2                          | 25         | 9714      |
| 3/4"            | 18,5 x 23,5 x 2                      | 25         | 9715      |
| 1"              | 24 x 29 x 2                          | 25         | 9716      |
| 1 1/4"          | 32 x 38 x 2                          | 10         | 9717      |



**FILTER SEALS**  
Application: suitable for drinking water and food. Working temperature: -10°C to +80°C. Material: EPDM

|      |               |    |      |
|------|---------------|----|------|
| 1/2" | 10 x 19 x 3/7 | 10 | 9768 |
| 3/4" | 14 x 24 x 3/7 | 10 | 9768 |



**NBR WIDE RUBBER SEALS**  
Application: suitable for water, gas (material approved under EN549), oils and greases. Working temperature: -20°C to +80°C. Material: NBR working temperature: -20°C to +80°C. Material: NBR

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 1/2"            | 11,7 x 18 x 2,2                      | 100        | 200504    |
| 3/4"            | 16,75 x 24 x 2                       | 100        | 200505    |
| 1"              | 20 x 30 x 2                          | 50         | 2225      |
| 1 1/4"          | 29 x 38 x 3                          | 50         | 9708      |
| 1 1/2"          | 30 x 44 x 2,5                        | 10         | 9709      |
| 2"              | 44 x 54 x 3                          | 10         | 9710      |



**RUBBER GASKETS FOR WATER METERS**

|      |             |    |      |
|------|-------------|----|------|
| 3/4" | 16 x 24 x 2 | 50 | 9711 |
| 7/8" | 20 x 27 x 2 | 50 | 9712 |



**WIDE FIBER GASKETS**  
Application: wide range of common use for domestic and industrial use. Working temperature: 0°C to 150°C. Material: Pressed Mineral Fiber without asbestos. Low gas permeability (less than 0.5 cm<sup>3</sup>/min s/DIN353576). (less than 0.5 cm<sup>3</sup>/min s/DIN353576).

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 9,6 x 14,7 x 1,5                     | 100        | 9693      |
| 1/2"            | 11,1 x 18,5 x 1,5                    | 100        | 9694      |
| 3/4"            | 16 x 24 x 2                          | 100        | 9695      |
| 1"              | 20 x 30 x 2                          | 50         | 9696      |
| 1 1/4"          | 29 x 38 x 2                          | 10         | 9697      |
| 1 1/2"          | 30 x 44 x 2                          | 10         | 9698      |



**PTFE GASKETS FOR RADIATOR AND WATER METERS**  
Working temperature: 0°C to 200°C. Material: FDA approved PTFE; great chemical and water vapor resistance.

|        |                   |    |        |
|--------|-------------------|----|--------|
| 7/8"   | 20 x 27 x 2       | 25 | 201922 |
| 1"     | 32,5 x 42,5 x 1,5 | 25 | 9724   |
| 1 1/4" | 42 x 57 x 1,5     | 10 | 9725   |



**WIDE PTFE GASKETS**  
Working temperature: 0°C to 200°C. Material: FDA approved PTFE; high chemical and water vapor resistance.

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 8 x 15 x 2                           | 25         | 9720      |
| 1/2"            | 10 x 19 x 2                          | 25         | 9721      |
| 3/4"            | 13 x 24 x 2                          | 25         | 9722      |
| 1"              | 20 x 30 x 2                          | 25         | 9723      |
| 1 1/4"          | 29 x 38 x 2                          | 10         | 9797      |



**SOLAR SEALS**  
Application: chemical, pharmaceutical and food industry. Working temperature: -200°C to +260°C. Material: BELPAFLON 9005 LC for Solar Thermal Energy applications.

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 1/2"            | 11,1 x 18,5 x 1,5                    | 10         | 6511      |
| 3/4"            | 16 x 24 x 2                          | 10         | 6512      |
| 1"              | 20 x 30 x 2                          | 10         | 6513      |
| 1 1/4"          | 25 x 38 x 2                          | 10         | 6514      |



**FLAT RUBBER WASHER**  
Application: Drains. Working temperature: 0°C to +80°C. Material: White rubber.

|        |             |    |      |
|--------|-------------|----|------|
| 3/8"   | 10 x 30 x 2 | 10 | 9770 |
| 1/2"   | 20 x 45 x 2 | 10 | 9771 |
| 3/4"   | 25 x 59 x 2 | 10 | 9772 |
| 1"     | 30 x 70 x 2 | 10 | 9773 |
| 1 1/4" | 36 x 70 x 2 | 10 | 9774 |
| 1 1/2" | 40 x 77 x 2 | 10 | 9775 |



**SEMI-CONICAL RUBBER WASHER**  
Application: Bidet and washbasin drains. Working temperature: 0°C to +80°C. Material: White rubber.

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 10 x 56 x 7                          | 10         | 9784      |
| 1/2"            | 20 x 56 x 6                          | 10         | 9785      |
| 3/4"            | 24 x 56 x 6                          | 10         | 9786      |
| 1"              | 27 x 56 x 6                          | 10         | 9787      |
| 1 1/4"          | 34 x 64 x 10                         | 10         | 9788      |
| 1 1/2"          | 41 x 67 x 5                          | 10         | 9789      |
| 2"              | 56 x 81 x 8,5                        | 10         | 9790      |



**SIPHON SEAL**  
Application: Siphons. Working temperature: -10°C to +80°C. Material: Ozone-resistant EPDM.

|             |             |    |      |
|-------------|-------------|----|------|
| 32 x 1 1/4" | 32 x 38 x 6 | 10 | 9798 |
| 32 x 1 1/2" | 32 x 44 x 6 | 10 | 9799 |
| 40 x 1 1/2" | 40 x 44 x 6 | 10 | 9800 |



**HEXAGONAL SEAL**  
Application: to fit 1/2" male.

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 1/2"            |                                      | 50         | 3534      |



**HEX REDUCERS**  
Application: to fit 1/2" male.



**RUBBER WASHER CONICAL**  
Application: Bidet and washbasin drains. Working temperature: 0°C to +80°C. Material: White rubber.

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| 3/8"            | 15 x 56 x 8                          | 10         | 9777      |
| 1/2"            | 20 x 56 x 8                          | 10         | 9778      |
| 3/4"            | 24 x 56 x 8                          | 10         | 9779      |
| 1"              | 27 x 56 x 8                          | 10         | 9780      |



**RUBBER SOLES**  
Application: Faucets. Working temperature: -10°C to +80°C. Material: Ozone-resistant EPDM.

|    |            |    |      |
|----|------------|----|------|
| 12 | 4 x 13 x 4 | 10 | 9791 |
| 14 | 4 x 14 x 4 | 10 | 9792 |
| 16 | 4 x 16 x 4 | 10 | 9793 |
| 18 | 4 x 18 x 4 | 10 | 9794 |
| 20 | 4 x 20 x 4 | 10 | 9795 |
| 25 | 4 x 25 x 4 | 10 | 9796 |



**O-RINGS**  
Application: suitable for water, gas (material approved under EN549), oils and greases in general. Working temperature: -20°C to +80°C. Material: 70 SH NBR

| Measures Thread | Measures (mm) (Øint. x Øext. x thi.) | Units /bag | Reference |
|-----------------|--------------------------------------|------------|-----------|
| AN1             | 2,90 x 1,78                          | 50         | 9738      |
| AN2             | 3,68 x 1,78                          | 50         | 9739      |
| AN3             | 4,47 x 1,78                          | 50         | 9740      |
| AN4             | 5,28 x 1,78                          | 50         | 9741      |
| AN5             | 6,07 x 1,78                          | 50         | 9742      |
| AN6             | 7,66 x 1,78                          | 50         | 9743      |
| AN7             | 9,25 x 1,78                          | 50         | 9744      |
| AN8             | 9,19 x 2,62                          | 50         | 9745      |
| AN9             | 10,77 x 2,62                         | 50         | 9746      |
| AN10            | 12,37 x 2,62                         | 50         | 9747      |
| AN11            | 13,94 x 2,62                         | 50         | 9748      |
| AN12            | 15,54 x 2,62                         | 50         | 9749      |
| AN13            | 17,12 x 2,62                         | 50         | 9750      |
| AN14            | 18,72 x 2,62                         | 50         | 9751      |
| AN15            | 18,64 x 3,53                         | 50         | 9752      |
| AN16            | 20,22 x 3,53                         | 50         | 9753      |
| AN17            | 21,8 x 3,53                          | 50         | 9754      |
| AN18            | 23,39 x 3,53                         | 50         | 9755      |
| AN19            | 24,99 x 3,53                         | 50         | 9756      |
| AN20            | 26,58 x 3,53                         | 50         | 9757      |
| AN21            | 28,18 x 3,53                         | 25         | 9758      |
| AN22            | 29,75 x 3,53                         | 25         | 9759      |
| AN24            | 32,93 x 3,53                         | 25         | 9761      |
| AN25            | 34,54 x 3,53                         | 25         | 9762      |
| AN26            | 36,09 x 3,53                         | 10         | 9763      |
| AN28            | 37,47 x 5,33                         | 10         | 9765      |
| AN29            | 40,65 x 5,33                         | 10         | 9766      |
| AN30            | 43,82 x 5,33                         | 10         | 9767      |

|             |    |      |
|-------------|----|------|
| 3/8" - 1/4" | 50 | 3535 |
| 1/2" - 3/8" | 50 | 3536 |
| 3/4" - 1/2" | 50 | 3537 |
| 1" - 3/4"   | 50 | 3538 |



## Valve accessories

| LOCK PIN<br>C-501 / C-511 / I-500 / C-400                                         |  Fittings |  Reference |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  | 1/4" - 1 1/4"                                                                              | 0000901                                                                                     |
|                                                                                   | 1 1/2" - 2"                                                                                | 0000902                                                                                     |

| PADLOCK<br>C-501 / C-511 / I-500 / C-400                                          |  Fittings |  Reference |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  | 1/4" - 2"                                                                                  | 0000903                                                                                     |

| HANDLE ACERO<br>DACROMET<br>M-100                                                   |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  | 1/2"                                                                                       | A000511A                                                                                    |
|                                                                                     | 1/2"                                                                                       | A000511R                                                                                    |
|                                                                                     | 3/4"                                                                                       | A000510A                                                                                    |
|                                                                                     | 3/4"                                                                                       | A000510R                                                                                    |
|                                                                                     | 1" - 1 1/4"                                                                                | A000512A                                                                                    |
|                                                                                     | 1" - 1 1/4"                                                                                | A000512R                                                                                    |
|                                                                                     | 1 1/2" - 2"                                                                                | A000513A                                                                                    |
|                                                                                     | 1 1/2" - 2"                                                                                | A000513R                                                                                    |

| BUTTERFLY<br>M-100                                                                  |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/2" - 3/4"                                                                                  | A000521A                                                                                      |
|                                                                                     | 1/2" - 3/4"                                                                                  | A000521R                                                                                      |
|                                                                                     | 1"                                                                                           | A000522A                                                                                      |
|                                                                                     | 1"                                                                                           | A000522R                                                                                      |
|                                                                                     |                                                                                              |                                                                                               |

| HANDLE STAINLESS<br>C-501 / I-500 / C-400                                           |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/4" - 3/8"                                                                                  | A000100A                                                                                      |
|                                                                                     | 1 1/2" - 2"                                                                                  | A000103A                                                                                      |
|                                                                                     | 1 1/2" - 2"                                                                                  | A000103R                                                                                      |
|                                                                                     | 2 1/2" - 3"                                                                                  | A000104A                                                                                      |
|                                                                                     | 2 1/2" - 3"                                                                                  | A000104R                                                                                      |
|                                                                                     | 1" - 1 1/4"                                                                                  | A000102R                                                                                      |
|                                                                                     | 1 1/2" - 2"                                                                                  | A000103A                                                                                      |
|                                                                                     | 1 1/2" - 2"                                                                                  | A000103R                                                                                      |
|                                                                                     | 2 1/2" - 3"                                                                                  | A000104A                                                                                      |
|                                                                                     | 2 1/2" - 3"                                                                                  | A000104R                                                                                      |
|                                                                                     |                                                                                              |                                                                                               |

| BUTTERFLY<br>C-501 / C-511                                                        |  Fittings |  Reference |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/4" - 3/8"                                                                                  | A000210A                                                                                      |
|                                                                                   | 1/4" - 3/8"                                                                                  | A000210R                                                                                      |
|                                                                                   | 1/2" - 3/4"                                                                                  | A000211A                                                                                      |
|                                                                                   | 1/2" - 3/4"                                                                                  | A000211R                                                                                      |
|                                                                                   | 1" - 1 1/4"                                                                                  | A000212A                                                                                      |
|                                                                                   | 1" - 1 1/4"                                                                                  | A000212R                                                                                      |

| HANDLE STAINLESS<br>C-511                                                          |  Fittings |  Reference |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/4" - 3/8"                                                                                  | A0000100                                                                                      |
|                                                                                    | 1/2" - 3/4"                                                                                  | A0000101                                                                                      |
|                                                                                    | 1" - 1 1/4"                                                                                  | A0000102                                                                                      |
|                                                                                    | 1 1/2" - 2"                                                                                  | A0000103                                                                                      |
|                                                                                    | 2 1/2" - 3"                                                                                  | A0000104                                                                                      |

| HANDLE STAINLESS<br>M-200 / M-550 / M-400                                           |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | 1/4" - 3/4"                                                                                    | A000301A                                                                                        |
|                                                                                     | 1/4" - 3/4"                                                                                    | A000301M                                                                                        |
|                                                                                     | 1/4" - 3/4"                                                                                    | A000301R                                                                                        |
|                                                                                     | 1/4" - 3/4"                                                                                    | A000301T                                                                                        |
|                                                                                     | 1" - 1 1/4"                                                                                    | A000302A                                                                                        |
|                                                                                     | 1" - 1 1/4"                                                                                    | A000302M                                                                                        |
|                                                                                     | 1" - 1 1/4"                                                                                    | A000302R                                                                                        |
|                                                                                     | 1 1/2" - 2"                                                                                    | A000303A                                                                                        |
|                                                                                     | 1 1/2" - 2"                                                                                    | A000303M                                                                                        |
|                                                                                     | 1 1/2" - 2"                                                                                    | A000303R                                                                                        |
|                                                                                     | 2 1/2"                                                                                         | A000304A                                                                                        |
|                                                                                     | 2 1/2"                                                                                         | A000304R                                                                                        |
|                                                                                     | 3" - 4"                                                                                        | A000305A                                                                                        |
|                                                                                     | 3" - 4"                                                                                        | A000305R                                                                                        |
|                                                                                     |                                                                                                |                                                                                                 |
|                                                                                     |                                                                                                |                                                                                                 |
|                                                                                     |                                                                                                |                                                                                                 |
|                                                                                     |                                                                                                |                                                                                                 |
|                                                                                     |                                                                                                |                                                                                                 |

| HANDLE STEEL DACROMET<br>M-200 / M-400                                              |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/4" - 3/4"                                                                                  | A000501A                                                                                      |
|                                                                                     | 1/4" - 3/4"                                                                                  | A000501R                                                                                      |
|                                                                                     | 1" - 1 1/4"                                                                                  | A000502A                                                                                      |
|                                                                                     | 1" - 1 1/4"                                                                                  | A000502R                                                                                      |
|                                                                                     | 1 1/2" - 2"                                                                                  | A000503A                                                                                      |
|                                                                                     | 1 1/2" - 2"                                                                                  | A000503R                                                                                      |
|                                                                                     | 2 1/2"                                                                                       | A000504A                                                                                      |
|                                                                                     | 2 1/2"                                                                                       | A000504R                                                                                      |
|                                                                                     | 3" - 4"                                                                                      | A000505A                                                                                      |
|                                                                                     | 3" - 4"                                                                                      | A000505R                                                                                      |
|                                                                                     |                                                                                              |                                                                                               |

| BUTTERFLY<br>M-200 / M-550                                                          |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/4" - 3/4"                                                                                  | A000315A                                                                                      |
|                                                                                     | 1/4" - 3/4"                                                                                  | A000315M                                                                                      |
|                                                                                     | 1/4" - 3/4"                                                                                  | A000315R                                                                                      |
|                                                                                     | 1" - 1 1/4"                                                                                  | A000316A                                                                                      |
|                                                                                     | 1" - 1 1/4"                                                                                  | A000316R                                                                                      |
|                                                                                     | 1" - 1 1/4"                                                                                  | A000316M                                                                                      |
|                                                                                     |                                                                                              |                                                                                               |

| SQUARE<br>M-200 / M-550                                                               |  Fittings |  Reference |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | 1/2" - 3/4"                                                                                    | A0000340                                                                                        |
|                                                                                       | 1" - 1 1/4"                                                                                    | A0000341                                                                                        |
|                                                                                       | 1 1/2" - 2"                                                                                    | A0000342                                                                                        |
|                                                                                       | 2 1/2"                                                                                         | A0000344                                                                                        |
|                                                                                       | 3" - 4"                                                                                        | A0000343                                                                                        |
|                                                                                       |                                                                                                |                                                                                                 |
|                                                                                       |                                                                                                |                                                                                                 |

| SQUARE<br>C-501 / C-511                                                               |  Fittings |  Reference |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | 1/2" - 3/4"                                                                                    | A0001616                                                                                        |
|                                                                                       | 1" - 1 1/4"                                                                                    | A0001622                                                                                        |
|                                                                                       | 1 1/2" - 2"                                                                                    | A0001621                                                                                        |
|                                                                                       | 2 1/2" - 3"                                                                                    | A0001626                                                                                        |
|                                                                                       |                                                                                                |                                                                                                 |

| FLANGE                                                                                |  Fittings |  Reference |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | Adjustable                                                                                     | 0000701                                                                                         |
|                                                                                       | Fixed                                                                                          | 0000702                                                                                         |

| SPOUT BO<br>M-400                                                                   |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/2"                                                                                         | A0000310                                                                                      |
|                                                                                     | 3/4"                                                                                         | A0000311                                                                                      |
|                                                                                     | 1"                                                                                           | A0000312                                                                                      |
|                                                                                     |                                                                                              |                                                                                               |

| SPOUT ER<br>M-400                                                                   |  Fittings |  Reference |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 1/2"                                                                                         | A0000320                                                                                      |
|                                                                                     | 3/4"                                                                                         | A0000321                                                                                      |
|                                                                                     | 1"                                                                                           | A0000322                                                                                      |
|                                                                                     |                                                                                              |                                                                                               |

| SPOUT BO<br>C-400                                                                    |  Fittings |  Reference |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|  | 3/4"                                                                                         | A0000110                                                                                      |
|                                                                                      | 1"                                                                                           | A0000111                                                                                      |
|                                                                                      | 1 1/4"                                                                                       | A0000112                                                                                      |
|                                                                                      |                                                                                              |                                                                                               |

| SPOUT ER<br>C-400                                                                     |  Fittings |  Reference |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | 3/4"                                                                                           | A0000120                                                                                        |
|                                                                                       | 1"                                                                                             | A0000121                                                                                        |
|                                                                                       |                                                                                                |                                                                                                 |
|                                                                                       |                                                                                                |                                                                                                 |

| SPOUT BO<br>I-400                                                                     |  Fittings |  Reference |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | 3/4"                                                                                           | A0001110                                                                                        |
|                                                                                       | 1"                                                                                             | A0001111                                                                                        |
|                                                                                       | 1 1/4"                                                                                         | A0001112                                                                                        |
|                                                                                       |                                                                                                |                                                                                                 |

| SPOUT ER<br>I-400                                                                     |  Fittings |  Reference |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
|  | 3/4"                                                                                           | A0001120                                                                                        |
|                                                                                       | 1"                                                                                             | A0001121                                                                                        |
|                                                                                       |                                                                                                |                                                                                                 |
|                                                                                       |                                                                                                |                                                                                                 |



# Appendix

|                              |     |
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| Installation regulations     | 194 |
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## TUCAI brand at point of sale

### Premium range displays



**Display 1+1**  
Code: 24762



**Display 5+5\***  
Code: 24763



**Premium travel case**  
Code: 24941

**Floor display 20+20\***  
Code: 24764



\*No product included

### TWIST Display



### Wall display

TAQ DN8 y TAQ SUPER DN13



| Display                     | Capacity      | Code  |
|-----------------------------|---------------|-------|
| TWIST display               |               | 24789 |
| Wall display, DN8 flexible  | 70 flexibles  | 1067  |
| Wall display, DN13 flexible | 63 flexibles  | 1065  |
| Floor display flexible      | 230 flexibles | 1064  |

### Floor display

Linear Kit floor display with 30 hooks and assembly instructions.



### Hangers

Hangers for TAQ DN8 and TAQ-SUPER DN13 ranges (the same included in ACB), TAQ-EXTRA and EXTRA-TWIST in DN19 and DN25



| Hangers   | Code  |
|-----------|-------|
| DN8       | 14738 |
| DN13 1/2" | 14740 |
| DN13 3/4" | 14743 |
| DN19      | 14741 |
| DN25      | 14742 |

## Optimize your space and make the most with Tucai product in your store.

### zona **tucai**



Hangers



Banners



Expo bags



Expo boxes

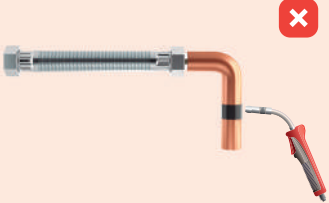
Vinyl floor stickers

Choosing what the client needs will now be **easy and intuitive**, since each application is represented by a different color.

|                                                            |                                                        |                                                                         |
|------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------------|
| <span style="color: red;">■</span> HVAC & industrial pumps | <span style="color: orange;">■</span> Gas applications | <span style="color: green;">■</span> Water heaters & boilers            |
| <span style="color: blue;">■</span> Sanitary applications  | <span style="color: purple;">■</span> Washing          | <span style="color: brown;">■</span> Heating equipment and solar panels |



# Installation regulations

| Water & gas hoses                                                                                                                                                                                                                                                                                                                                 | ✓ CORRECT | ✗ INCORRECT                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------|
| <p>Do not weld heat-transmitting elements (such as copper pipes) when these are in contact with the flexible hose.</p> <p>Do not apply solder directly to the flexible hose. Install the flexible hose only after a cooling period, after welding.</p> <p>Do not install the flexible hose in any environment that exceeds 60°C continuously.</p> |           |  |

Ensure that the product features defined in the technical data sheet cover the needs of the installation where the flexible hose is to be installed.

Make sure the correct length of hose is installed. Under no circumstances should two hoses be directly joined end to end.

All components of our hoses have been satisfactorily inspected and verified. However, damage may occur during transport, handling or storage.

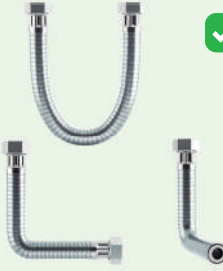
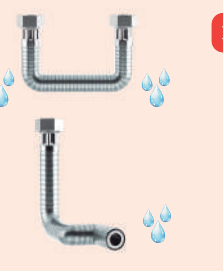
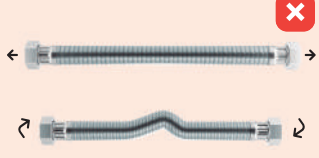
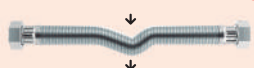
| Water                                                                                                                                                                                                                                                                                                                      | ✓ CORRECT                                                                           | ✗ INCORRECT                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Installation                                                                                                                                                                                                                                                                                                               | SIN TENSIÓN                                                                         | CON TENSIÓN                                                                           |
| Before installing the flexible hose, always check that the hood is correctly pressed. If in doubt, do not install the flexible hose.                                                                                                                                                                                       |  |  |
| <p>Connection to the tap: Screw by hand (never with a tool) after checking that the O-ring is correctly positioned.</p> <p>It is not necessary to use a spanner. Screw the nuts by hand (more than 1/4 turn with a tool) after checking that the O-ring is correctly positioned. Do not use tools that damage the nut.</p> |  |  |

Replace the hose if it has not been used for a year. Stagnant water for long periods of time can negatively affect the product, due to evaporation of chlorine. This will lead to bad taste in the drinking water and the appearance of black particles when applying pressure.

Periodically check the condition of the flexible components and replace them if there is damage or wear on the braiding. If you detect any deterioration, such as for example in the case of corrosion, broken braiding wires, replace the product immediately applying pressure.

After 3 months of non-use, clean the hose with a constant flow of clean water.

Connection to 3/8" and 1/2" cut-off wrench: Tighten by hand and tighten 1/4 turn with the appropriate wrench. Check that there is no leak. If there is, tighten again lightly with a wrench.

| Water                                                                                                                                                                                           | ✓ CORRECTO                                                                            | ✗ INCORRECTO                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Installation                                                                                                                                                                                    | WITHOUT TENSION                                                                       | UNDER TENSION                                                                         |
| Flexible hoses must be installed in plain sight; they must not go through the wall or be embedded or hidden behind walls. Do not install the flexible hose in contact with plaster or concrete. |                                                                                       |    |
| For proper use, always install a flexible hose with an elbow or with a sufficient straight portion before bending (1.5 to 2 times the outside diameter).                                        |    |    |
| Respect the minimum bending radius indicated specifically for each diameter. Do not pinch the braided hose during installation. NOTE: The Twist allows for greater bending                      |   |   |
| Do not install flexible hoses under tension or torsion.                                                                                                                                         |  |  |
| Do not apply a temporary or constant external force on the flexible hose once it has been installed (do not leave elements supported or hanging from the flexible hose).                        |  |  |
| Prolonged contact with cleaning products, liquids used to facilitate soldering, or aggressive chemical substances can damage the surface and cause deterioration of the flexible.               |                                                                                       |  |
| Check the grounding of appliances (air conditioning units, bathtubs, etc.) connected to flexible cables, since any electrical dispersion can cause corrosion of the flexible cable.             |  |                                                                                       |

Do not put the flexible hose in contact with sharp edges that may damage it.

Each time one end of the hose is disconnected and remained in the same installation, the gasket located at that end (if present) must be replaced.



# Installation regulations

## Water

### Installation tips

If the hose is used for hot water tanks, make sure that any remaining air is purged from the tank after installation, before putting it into operation for the first time.

If the fluid inside the hose freezes, it is prohibited to heat it to defrost it. Under no circumstances should hot air be applied above 70°C constantly and without interruption. Do not use sources of intense heat, such as electric resistors applied directly to the hose.

If one end of the hose is installed with fibre joints, moisten the joint beforehand to ensure watertightness.

Do not reuse braided hose components in other devices once they have been installed.

The introduction of chemicals into the water could cause damage to the installation and the core of the flexible connections. Consult TUCAI's technical department to determine the compatibility of chemical additives with the materials of your installation.

The water transported through Tucai flexible connections must comply with the following characteristics:

- The pH of the water must be between 6 and 8. The water must be free of chlorites, chlorides and ammonium compounds, all of which are potentially corrosive and harmful to materials in contact with water.
- Only add additives that maintain the neutral pH of the water
- Mineral oil or amine type additives should never be used.
- Failure to comply with these warnings could contaminate the water and expose the installation to irreparable deterioration.
- For use inside buildings only, do not expose the flexibles to direct sunlight.
- Do not install the flexible near ozone sources.
- Before use, any installation with flexible hose components must be tested at 1.5 times the service pressure. Once the connector has been installed, check the installation to identify a possible leak.
- Consult TUCAI's Technical Department for special applications outside the intended use.

### Thermal insulation of flexible connections

In the event that you must install thermal insulation on the flexibles, make sure to use only the shell type with self-adhesive insulation. Any other type of thermal insulation is not allowed to be used, since it would imply using other adhesives (other than the one already provided by the self-adhesive shell insulation type) that are specifically prohibited because they could cause irreparable damage to the braid of the flexible.

In the event that you must install thermal insulation on the flexibles, make sure to strictly comply with the Installation Manual, and the advice and warnings indicated by the insulation manufacturer. Under no circumstances should a flexible hose with galvanized steel braid be insulated.

Consult the latest version of the recommendations, as well as the specific installation manual for each gas product at [www.tucai.com](http://www.tucai.com) or in the QR located at the top of page 107 and at the bottom of page 109.

## Gas

### Installation



**CORRECT**

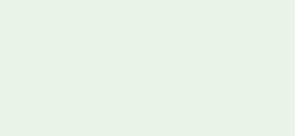


**INCORRECT**

Before installing the flexible hose, always check that the all pieces are correctly pressed. If in any doubt, do not install the flexible hose.



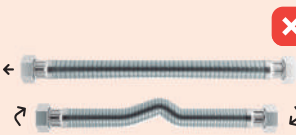
Flexible hoses must be installed in plain sight; they must not pass through the wall or be embedded or hidden behind walls. Do not install the flexible hose in contact with plaster or concrete.



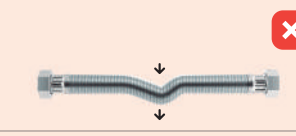
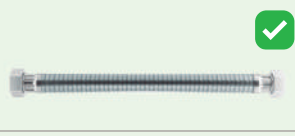
For proper use, always install a flexible hose with an elbow or with a sufficient straight section before bending.



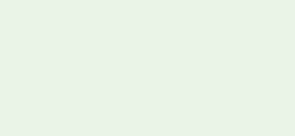
Do not install flexible hoses in tension or twisted.



Do not apply a punctual or constant external force to the flexible hose once installed (do not leave items resting or hanging from the flexible hose).



Prolonged contact with aggressive cleaning products or chemical substances can damage the braiding and/or the outer layer and cause the hose to burst.



Check the ground connection of the electrical appliances (air conditioning units, bathtubs, etc.) connected to flexible hoses, since any electrical dispersion can cause corrosion of the flexible hose.



Respect the minimum bending radius indicated specifically for each diameter.



Periodically check the condition of the flexible components and replace them if there is damage or wear on the pipe or components. If you detect any deterioration, replace the product.

Do not use sealing gaskets other than those supplied with the hose. If the sealing gaskets are not included in the product, use PTFE tape of appropriate quality or sealing paste standardized according to UNE 60722.

Always install the flexible with the gaskets at the ends to ensure tightness.

Installation regulations

| Valves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                        |      | CORRECTO               |              | INCORRECTO |               |    |             |     |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------|------------------------|--------------|------------|---------------|----|-------------|-----|--|--|--|--|
| Installation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |      |                        |              |            |               |    |             |     |  |  |  |  |
| Check that the pipe thread is prepared for installation, therefore that it is clean, dry, continuous in all its threads and that it does not have any visual damage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |      |                        |              |            |               |    |             |     |  |  |  |  |
| In the case of a male thread, if the component where the pipe will be threaded does not have a gasket, apply sealant to the threads to ensure a tight joint.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |      |                        |              |            |               |    |             |     |  |  |  |  |
| The pipe or pipes to which the valve is connected must be fastened and correctly aligned in order to avoid tension or vibrations, so we recommend not connecting an elbow just at the inlet or outlet of the valve.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |      |                        |              |            |               |    |             |     |  |  |  |  |
| <b>Assembly:</b><br>a) Rotate the valve onto the fixed pipe, tightening from the flat faces of the valve.<br><br>b) For correct assembly, if a next section of pipe must be threaded to the valve, this is the one that must be rotated while keeping the valve fixed.<br><br>c) For installation, do not exceed the following tightening torques:<br><br><table><tr><th>SIZE</th><th>TIGHTENING TORQUE [Nm]</th></tr><tr><td>1/4" to 1/2"</td><td>30</td></tr><tr><td>3/4" to 1 1/4</td><td>80</td></tr><tr><td>1 1/2 to 4"</td><td>130</td></tr></table><br>In the particular case of angle shut-off valves, they can be installed through the flat faces or by means of an Allen wrench.<br><br><br><br>d) In order to avoid damage to the valve, it is essential that not the entire thread length of the valve is threaded into the pipe (≥ 1mm distance).<br><br>e) Under no circumstances should the valve be welded to the installation connection, as this may damage the valve. |                        | SIZE | TIGHTENING TORQUE [Nm] | 1/4" to 1/2" | 30         | 3/4" to 1 1/4 | 80 | 1 1/2 to 4" | 130 |  |  |  |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TIGHTENING TORQUE [Nm] |      |                        |              |            |               |    |             |     |  |  |  |  |
| 1/4" to 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30                     |      |                        |              |            |               |    |             |     |  |  |  |  |
| 3/4" to 1 1/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 80                     |      |                        |              |            |               |    |             |     |  |  |  |  |
| 1 1/2 to 4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 130                    |      |                        |              |            |               |    |             |     |  |  |  |  |

Follow the following installation, maintenance and use recommendations to ensure the total reliability of the product.

The manufacturer is not liable if the installation, maintenance and use recommendations are not followed.

Check the installation to detect any possible valve leaks.

Make sure that the valve is suitable for the application, pressure, temperature, fluids and conditions required.

|                                                                                                                                                                                                                                                                                                                                                                                                            | CORRECT                                                                                                                                                                                                         | INCORRECT |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Maintenance                                                                                                                                                                                                                                                                                                                                                                                                | <p>To ensure a longer service life for ball valves, they must always be with the valve in the fully open or fully closed position. It is recommended not to operate these valves in intermediate positions.</p> |           |
| <p>To prolong the life of the valve, it is recommended to open and close it every 4 months. This frequency should be increased for valves that are installed in hard water supply areas*. The possible impact on the use of the product due to the quality of the water is excluded from the product warranty.</p> <p>* Hard water is water that is harder than 50 French degrees: [1°fH=10mg CaCO3/l]</p> |                                                                                                                                                                                                                 |           |
| Under no circumstances should the valves be in direct contact with any product, material or environment that is potentially corrosive or aggressive for the materials of the installation in general, and for the valves in particular.                                                                                                                                                                    |                                                                                                                                                                                                                 |           |
| Valves in general and particularly in applications such as water supply or agricultural should be protected from direct contact with the ground, especially if they are underground and installed on surfaces that are susceptible to flooding and the valve being submerged. Direct contact with the ground can cause damage to the valve material.                                                       |                                                                                                                                                                                                                 |           |
| In case of risk of freezing, we recommend purging the installation to avoid the presence of fluid that could freeze the installation in general and the valve in particular.                                                                                                                                                                                                                               |                                                                                                                                                                                                                 |           |

| Usage                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The water that runs through the valves must maintain a pH between 6.5 and 8.                                                                                                                                                                                   |
| Add only neutral, non-corrosive additives to the installation water. Mineral oil or amine type additives must never be used.                                                                                                                                   |
| The water circulating through the valve must be free of sulphites, chlorites, chlorides and ammonium compounds, all of which are potentially corrosive and harmful to materials in direct contact with the water, as well as the external parts of the valves. |
| Valve components such as levers, shafts and/or seals aged by use, service or normal weather conditions are excluded from the product warranty.                                                                                                                 |
| Maintenance services on the installation and its elements may cause defects such as deformations and mechanical stress on the valve, so we recommend replacing it with a new one before putting the installation back into operation.                          |



# Terms and warranty

## Hoses & Valves

### General conditions of sale, distribution and warranty

#### Generalities

The supply of TUCAI S.A. products shall be governed at all times by these General Terms and Conditions.

#### Orders and prices

All orders received by Tucai S.A. will be confirmed by fax or e-mail. If Tucai does not receive any complaints within 24 hours, they will be considered final. Orders for each reference must be multiples of the packaging unit defined in the price list. Tucai S.A. reserves the right to accept or reject any order. Prices will be those established in the price list in force at the time of placing the order.

#### Codes

The codes indicated in this price list are Tucai's standard products. Delivery time The references with the highest turnover will be shipped in a maximum of 72 hours. (Shipping by Tucai S.A.). If for reasons beyond our control we are unable to meet this service commitment, Tucai S.A. will inform the customer of the new deadline no later than 24 hours after receiving the order. The remaining references will be delivered as soon as possible and partial deliveries may be made. Orders received with a delivery period of less than 72 hours will follow the procedure described above. Failure to comply with the previous commitment or a partial delivery will not be grounds for compensation.

#### Transportation

Our products are considered sold in our warehouses and the dispatch date is the one that appears on the delivery note. The goods travel at the expense and risk of the recipient, even if they are sent with postage paid. In the event of missing packages or visible damage to the product due to transport, the recipient must note this on the delivery note, make a claim to the carrier and notify the Tucai sales department within 48 hours. Otherwise, the packages will be considered to have been received in accordance with the quantity and condition. Claims for delays in transport will not be accepted. After 8 days from receipt of the goods, claims regarding the contents of the boxes will not be accepted.

#### Storage conditions\*

- Temperature: minimum 10°C, maximum 40°C
  - Humidity: ideal conditions 30 - 60%; Extreme conditions: 20 - 70%
  - Protect the product from direct sunlight or other UV sources.
  - Avoid storage outside the warehouse building.
  - Avoid corrosive environments and contact with cleaning products.
  - Avoid storage near ozone sources.
  - Avoid storage near heating generators.
- Keeping the hoses stored in conditions outside these limits could change the mechanical properties of the hose, causing a leak during the life cycle of use. The warranty only covers manufacturing defects of the product.

#### Overview Returns

The product invoiced by Tucai S.A. is considered a firm sale and is not eligible for a refund. In the event of an error in the order, the following will be taken into account:

- The change must be authorized by the commercial management of Tucai S.A.
- The Tucai S.A. warehouse will not accept any product without authorization.
- No product will be accepted that is not accompanied by the RMA (authorization for the return of merchandise) provided by Tucai S.A.
- Unsealed material, broken or open bags, products in poor condition or products from a year of manufacture other than the current year will not be accepted. In the case of products with an expiration date (for example, GLPRES), the return may only be made within a maximum of one month
- The accepted material will have a 20% deduction from its value for verification costs.
- Goods returned to Tucai S.A. travel at the customer's expense and risk.

#### Installation and Maintenance

In any case, the instructions and recommendations for installation and maintenance must be observed, as well as the specifications and features of each product family included in this document and available on our website [www.tucai.com](http://www.tucai.com). If these recommendations and specifications are not observed, Tucai will not be responsible for any consequences arising from this.

#### Hose guarantee

Stainless steel and polymer braided products have a 10-year warranty against manufacturing defects.

The following events are not considered Manufacturing Defects and, therefore, are not covered by this Warranty:

- (1) normal wear and tear, aging and corrosion;
- (2) accidents, natural disasters or force majeure events;
- (3) misuse, poor application and/or installation, fault or negligence of the Buyer or a Third Party;
- (4) inadequate storage and/or handling of the product;
- (5) inadequate maintenance of the product.

The recognition of liability under warranty corresponds solely to Tucai S.A. and/or its Insurance Company. Galvanized steel braided products do not have a warranty because they require supervision of the installation. This Warranty will cover the replacement of the defective part free of charge. Any claim must be made by presenting the corresponding purchase invoice that identifies the product. Any product susceptible to suffering from a manufacturing defect during the Warranty period must be reported and sent in advance to the TUCAI Group for analysis.

#### Jurisdiction

Tucai S.A. will attempt to resolve any dispute with its clients amicably. In any case, in the event of litigation, the parties agree and undertake to submit to Spanish law and to arbitration appointed by the Court of the Arbitration Association of Sabadell, which will be responsible for the administration of the aforementioned arbitration in accordance with its Statute and Regulations. They also undertake from now on to comply with the arbitration award issued.

#### Responsibility

Tucai, S.A. shall be liable only for direct damages and losses suffered by the Client as a result of a manufacturing defect in the products.

#### Industrial and Intellectual Property

All industrial and intellectual property rights relating to the products shall be the property of Tucai, S.A. In the event that the products are manufactured according to a design provided by the client to Tucai, S.A., the client shall guarantee that such designs do not infringe the intellectual or industrial property rights of third parties.

#### Other notes

- Tucai S.A. reserves the right to modify the articles without prior notice.
- Seals/gaskets will be included in the following product families: **TAQ, FORTE, SUPER, EXTRA TWIST, SHOWER, WASHING MACHINE, PRESINOX, LIRAS**
- The lengths of the flexible hoses in the orders are considered as total lengths, including the end fittings, and must be clearly expressed in mm or cm.

#### Guarantee Valves

The Guarantee for the range of valve products or TMM will be 5 years and will be exclusively applicable to manufacturing defects that the products suffer from. For these purposes, the following assumptions will not be considered manufacturing defects and, therefore, will not fall under the scope of coverage of this Guarantee:

- (1) Use and wear due to aging of components and accessories of the products. For greater clarity, except in those valve models expressly designated as "anti-limescale", aging due to the action of lime will be considered normal and therefore will be excluded from this Guarantee.
- (2) Defects caused to the Teflon seals and seats due to lack of adequate maintenance (regular monthly actuation).
- (3) Defects caused by contact with fluids that contain impurities, substances or corrosive additives or of a nature that affects the correct operation of the valve.
- (4) Accidents, natural disasters or force majeure events.
- (5) Misuse, incorrect application and/or installation of the product, mechanical deformations and/or negligence of the buyer, user or any third party.
- (6) Improper storage and/or handling of the product.
- (7) Freezing of the installation except in the anti-freeze product models provided that they are properly installed according to the direction of fluid circulation.
- (8) Temperature or pressure higher than the maximum specified for each product family. It will be the sole responsibility of the TUCAI Group and/or its Insurance Company to recognize the applicability of the Guarantee.

Any claim must be made by presenting the corresponding purchase invoice that identifies the product. Any product that may suffer from a manufacturing defect during the Guarantee period must be reported and sent in advance to the TUCAI Group for analysis.

This Warranty will cover the replacement of the defective product without charge.





