



## Drinking Water Compliance (DWD)

Tap water quality is often taken for granted, but at times it can carry contaminants and substances that are potentially harmful to our health.

The Twist range has been developed to ensure that the materials that come into contact with water will not cause any health risks, as they comply with the DWD (Drinking Water Directive).

The new inliner is made of Polyethylene), an extremely flexible material that combines the properties of thermoplastics with the benefits derived from the absence of oil and plasticizers in its extrusion process.

100% leak tested

10 years  
warranty



## KEY BENEFITS

### ✓ EXTRA FLEXIBLE AND KINK-FREE

Extremely  
flexible

Kink  
Resistance

High  
resistance  
to chemical

(acids, alkaline  
agents, salts  
and solvents).

allows easy  
connections in  
confined space  
and without  
any tool

Light  
weight

easy to handle  
on site

Optimum  
bending  
radius

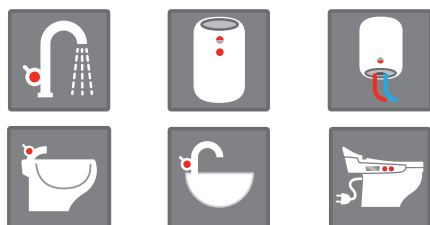
that provides  
increased kink  
resistance.

Constant  
flow rate

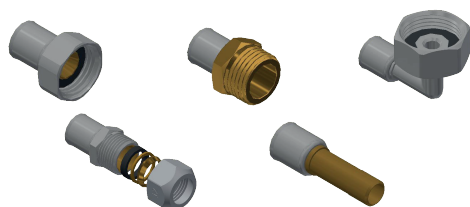
The corrugated tube  
does not collapse and  
is capable of turning  
sharp corners with very  
small bend diameters.

DN	Outer diameter	Inner diameter	Fitting Inner diameter	Flow rate	Minimum bending radius	Working Temperature	Working pressure
8	12,5 mm	8 mm	6,1 mm	28 l/min @ 3 bar	10 mm	70° C	10 bar

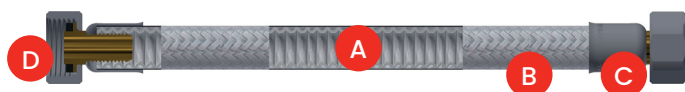
## APPLICATIONS



## FITTINGS



## MATERIALS



- A. Inner Core:** Polyethylene
- B. Reinforcement:** AISI 304 Stainless Steel
- C. Fittings:** Brass CW617N
- D. Sleeve:** AISI 304 Stainless Steel

## Metals covered by the UBA / 4MS



Metallic materials should not release dangerous substances into drinking water.

The Drinking Water Directive (DWD) and each country's national legislation fix the limits of impurities accepted in metals in contact with water. For copper alloys, there are two main restrictions: a maximum accepted migration level of 10 µg/lit. for lead, and a maximum of 20 µg/lit. for nickel, both of them measured for a long-time migration period.

Copper alloys complying with those limits are CW617N, CW612N, and others where the lead content does not exceed 2.2% of alloy weight, corresponding to the "fittings" category of products.

Removing the nickel plating from metallic parts in contact with water is needed to comply with these limits and has become a recommendation for several Approval Bodies.

## APPROVALS

