



### PRODUCT



### FITTINGS



### APPLICATIONS



### APPROVALS



### MAIN DIMENSIONS

Dn	Outer diameter	Inner diameter	Fitting inner diameter	Flow rate	Minimum bending radius	Working pressure / Temperature
13	17,5 mm	13 mm	7,5 mm	45 l/min @ 3 bar	30	
19	25 mm	19 mm	15 mm	120 l/min @ 3 bar	35	Sanitary - 16 bar / + 70°C Heating - 12 bar / + 90°C
25	32 mm	26 mm	20 mm	200 l/min @ 3 bar	45	Heating - 10 bar / + 110°C
32	40 mm	32,5 mm	27 mm	400 l/min @ 3 bar	60	
40	44 mm	36 mm	30 mm	650 l/min @ 3 bar	70	Sanitary - 12 bar / + 70°C Heating - 12 bar / + 90°C
50	55 mm	48 mm	41 mm	1050 l/min @ 3 bar	100	Heating - 10 bar / + 110°C

\*Continuous working temperatures higher than 95°C may reduce the lifetime of the connector (ISO-9080)

### KEY FEATURES

- Extreme flexibility,
  - Kink Resistance,
  - Optimum Bending Radius
  - Guaranteed high-flow Rate
  - Anti-bacterial
  - Limited Lead Contents
  - 100% leak test
- Constructed out of corrugated HDPE inner core covered with an AISI 304 Stainless Steel braiding, TWIST connectors are extremely flexible. They can endure the long-time bending, guarantee a constant flow rate with no restriction for optimal household appliance performance.
- They are designed for easy installation in confined spaces without elbow fittings because they are capable to turn sharp corners with a very small bending diameter.
- The HDPE liner can withstand high temperatures and ensures long time performance and resistance to acids, alkaline agents, salts and solvents.
- The corrugated HDPE tubing complies with all relevant drinking water requirements. No taste nor smell transferred to the drinking water.
- Absence of microbiological growth and biofilm formation,
  - No hazardous chemicals present in its formulation.
- Metal fittings in accordance with the DWD, for a safe drinking water quality at the consumer's tap.
- The TWIST hose range is also safely crimped with a 360° uninterrupted compression around the hose to provide a 100% safely crimped flexible connector. 100% Leak tested.

### MATERIALS



- 1 Brass Nipple, Male and Female
- 2 AISI 304 Stainless Steel
- 3 AISI 304 Stainless Steel
- 4 HDPE - HDPE