

PA612 tubes

**Calibrated mono tubes made of polyamide 612,
plasticized, impact modified,
UV and heat stabilized
according to ISO 7628**



Properties

- Excellent impact and notched impact strength, even at low temperatures
- Excellent cracking and breaking strength
- Good pressure resistance at high temperatures
- Low water absorption and high dimensional stability
- Very good abrasion resistance and high heat resistance
- Good chemical resistance to oxidation, oils, greases, fuels, hydraulic fluids, water, salt solutions and more
- Low density

Applications

- Fluid and compressed air lines for motor vehicles
- Tubing for air braking systems of road vehicles
- Central lubrication systems
- Automation technology
- Compressed air supply systems
- Fuel lines
- Cooling systems
- Measurement and control technology

Specifications

According to ISO 7628 – category 1, Standard-colour : black; other colours on request

Tolerances according to ISO 7628. The identification of the pipes is according to ISO 7628.

Operating temperature range from -40°C to approx. +100°C - (higher temperature possible only for short term use)

ø Outer (mm)	Tolerances (mm)	ø Inner (mm)	Tolerances (mm)	Min. wall thckn. (mm)	Operation pressure at 23°C*(bar)	Operation pressure at 100°C*(bar)	Min. bending radius at 23°C (mm)
8	± 0,10	6	± 0,10	min. 0,90	20	10	40
12	± 0,15	9	± 0,15	min. 1,35	20	10	60
15	± 0,15	12	± 0,15	min. 1,35	17	10	90

* The feasible operation pressure is depending on the working temperature.

Additional dimensions according to ISO 7628 on request.

Standard delivery form: coils of 100 m.

Other coil lengths and forms on request.

All information is based on current knowledge and is supplied without guarantee. As of August 2022