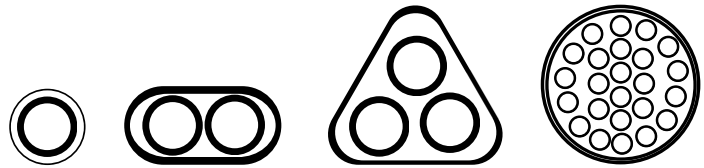


Product description



Jacketed pneumatic tube, Polyamide PA12.

One or more pneumatic tubes protected by a polyamide 6 film and a polyethylene based jacket.

Standard tube sizes are 6/4mm, 8/6mm, 10/8mm, 10/7mm, 12/10mm and 12/9mm.

A pipe with good impact resistance, which is particularly suitable for use even at high temperatures. This pipe also has good pressure resistance. PA12P40 is most commonly used material in pneumatics. Suitable for use in pneumatics, industrial robots and instrumentation lines.

PA

Material: Polyamide

Hardness: 70 Shore D

Installation Temperature: -20 °C...+50 °C

Density: 1,03g/cm³

Dimension: Outer diameter 4mm... 18mm

Chemical Resistance: PA tubes have good chemical resistance against oils, hydraulic fluids, and fuels

RoHS compliance

Halogen Free

Operating pressures

Size mm/ ∅ outer/inner	Bending radius mm	Size mm/ ∅ outer/inner	Temperature °C / bar
4/2	24	4/2	23°C/bar44, 40°C/bar32, 60°C/bar25, 80°C/bar21
6/4	36	6/4	23°C/bar26, 40°C/bar19, 60°C/bar15, 80°C/bar12
8/6	64	8/6	23°C/bar19, 40°C/bar14, 60°C/bar11, 80°C/bar9
10/8	80	10/8	23°C/bar14, 40°C/bar10, 60°C/ba8, 80°C/bar7

Burst pressure = 3 x operating pressure

Polyethylene jacket

Material: PE-LD

Installation Temperature: -30 °C...+50 °C

Working Temperature: -40 °C...+60 °C

Operating Pressure: 1,0 Bar...22 Bar (depending on tube dimensions and temperature)

Chemical Resistance: Good chemical resistance against gases and liquids

UV-resistant: to order

Halogen free