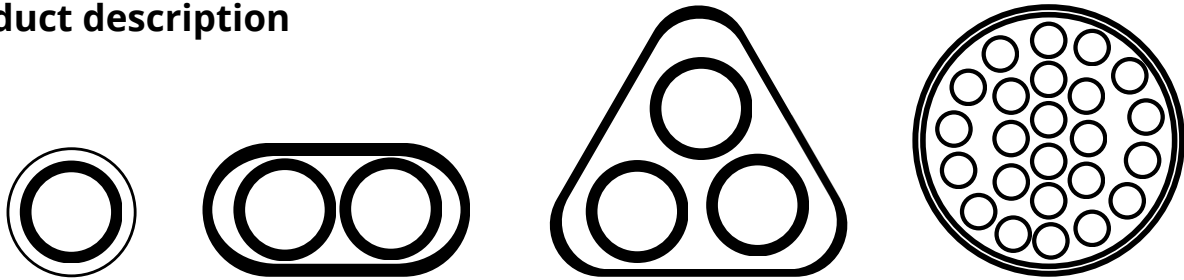


## Product description



Jacketed pneumatic tube, Polyamide PA12.

One or more pneumatic tubes protected by a polyamide 6 film and a polyethylene based jacket. Available in coils. 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/cm<sup>3</sup>

**Dimension:** Outer diameter 4mm... 18mm

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

RoHS compliance

Halogen Free

## Polyethylene

**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

## Operating pressures

| Tube size | Temperature °C / bar |    |    |    | Bending radius |
|-----------|----------------------|----|----|----|----------------|
| Out/in    | 23                   | 40 | 60 | 80 | 20°/mm         |
| 4/2       | 44                   | 32 | 25 | 21 | 24             |
| 6/4       | 26                   | 19 | 15 | 12 | 36             |
| 8/6       | 19                   | 14 | 11 | 9  | 64             |
| 10/8      | 14                   | 10 | 8  | 7  | 80             |

Burst pressure = 3 x operating pressure



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