

Polytetrafluorethylene tube (PTFE)



SO Code: PTFE-ROHRE

Art. no.: 431.0200.000

Technical details

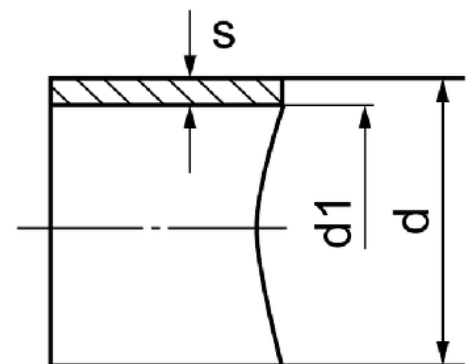
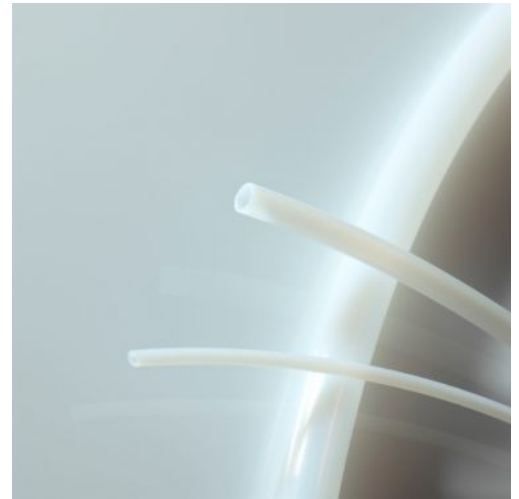
Type	PTFE 6/4x1, 50m
d	6.0 mm
d1	4.0 mm
Pressure (PN)	23.0 bar
s	1.0 mm
Tolerance d	± 0.15 mm
Bend radius	20.0 mm
Weight kg/100 m	3.7
Tube connection	metric
Material type	Plastic
Material	PTFE (Polytetrafluorethylene ())
Packing unit (m)	50.0
Minimum order quant	50.0

d = Tube outside diameter

d1 = Tube inside diameter

bar = Operation pressure at +23°C

B.Radius = Min. bending radius



Additional information

Specifications:

Material: Polytetrafluoroethylene, FDA approved

Temperature range: -200°C to +200°C (short-term: +260°C)

Flammability: acc. to UL 94 V0

Hardness: Shore D55

Burst pressure: 3 x working pressure

Colour: natural

All technical data are based on manufacturer's specifications.

Characteristics:

- good temperature resistance
- non-toxic
- non-conductive
- high strength, rigidity, toughness and very good flexibility
- UV and weather resistant, silicone free
- outstanding non-stick properties
- not suitable for pressure pulsation
- recommendation: use FEP, PFA or Jacoflon
- universal chemical resistance; chemical resistance list see appendix
- applications: laboratory, medicine, chemical engineering, analysis technology, vacuum

Delivery in standard rolls only.

Conversion for "d" for inch tubes:

6,35 = 1/4

9,52 = 3/8