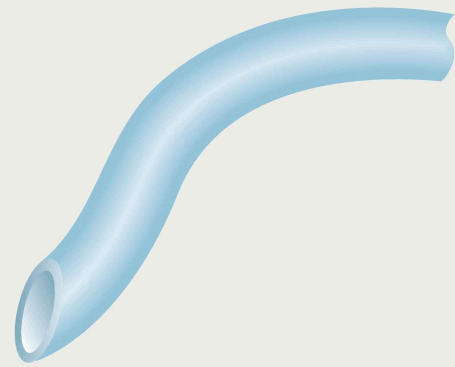


# Compressed air tubes made of PUR 98 A

Compressed air tubes made of polyurethane, Shore A 98  
Pressure resistance category 3 according to ISO 7628



## Properties

- Excellent flexibility, even at low temperatures
- Very good abrasion behavior
- No embrittlement, without plasticizers
- Very suitable for push-in connectors
- Excellent cracking and breaking strength
- High dimensional stability
- Small bending radius

## Applications

- Automation technology
- Pneumatic control lines
- Vehicle construction
- Compressed air tools
- Mechanical engineering

## Specifications

Shore hardness A / DIN 53505: 98 +/- 2 (Shore hardness D / DIN 53505: 53 +/- 3)

Standard-colours: black, natural, blue, other colours on request

Tolerances based on ISO/DIS 14743

Operating temperature: -40°C to approx. +80°C

ø Outer (mm)	ø Inner (mm)	Tolerances (mm)	Wall thickness (mm)	Tolerances (mm)	Weight g/m	Min. bending radius at 23°C/(mm)	Operation pressure at 20°C/bar
4	2,3	± 0,10	0,85	+0,10/-0,05	10,3	20	12
4	2,5	± 0,10	0,75	+0,10/-0,05	9,33	15	11
4,3	2,8	± 0,10	0,75	+0,10/-0,05	10,2	10	10
6	4	± 0,10	1	+0,10/-0,05	19,2	20	10
8	5,5	± 0,10	1,25	+0,10/-0,05	32,3	30	9
8	6	± 0,10	1	+0,10/-0,05	26,8	35	7
10	7	± 0,15	1,5	+0,15/-0,07	48,9	40	8
10	8	± 0,15	1	+0,15/-0,07	34,5	55	5
12	8	± 0,15	2	+0,20/-0,07	76,7	40	10
12	9	± 0,15	1,5	+0,20/-0,07	60,3	50	7

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