



PUR ExtraFlex

Very flexible multiuse tube which performs especially well in low temperatures but can be used in high temperature applications too.

Thermoplastic polyester-polyurethane with excellent mechanical properties and chemical resistance, outstanding wear resistance, high tear and tensile strength, good damping characteristic and high resilience performance.

Can be used in pneumatics, industrial robots and instrumentation lines.

PUR ExtraFlex Extra elastic!



Material: Polyurethane (polyester)

Hardness: 90 Shore A

Structure: Single-layer tube

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

Tolerances: According to DIN 74324

Density: 1,21 g/cm³ according to the ISO 1183-1-A testing method

Chemical resistance: Excellent resistance against oils, hydraulic fluids and fuels

Manufactured sizes: Outer diameter 4,0 mm ... 16 mm

Technical information

mm	+/-	mm	+/-	mm	bar 23°C	bar 40°C	bar 60°C	bar 80°C	mm	g/m
4	0,1	2	0,1	1	25	22	19	14	15	9,9
6	0,1	4	0,1	1	28	19	14	11	20	16,5
8	0,1	6	0,1	1,25	21	15	11	9	30	23,1
10	0,1	7	0,1	1	24	18	14	10	40	29,7

The safety factor for working pressure is 3.