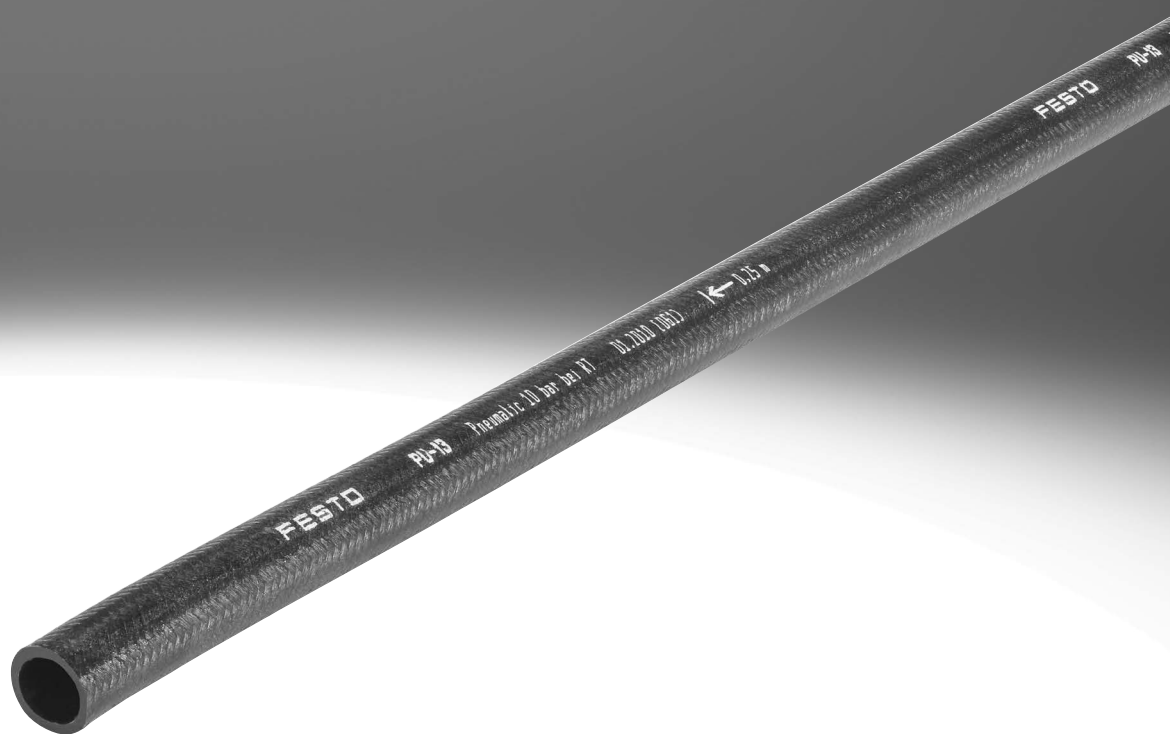



Plastic tubing, standard I.D.

FESTO



Product range overview

Version	Type	I.D. [mm]	Colour			Operating medium			Resistance Hydrolysis	Shore hardness ²⁾	→ Page
			blue	black	natural	Compressed air	Vacuum	Water (not drinking water)			
	PU TPE-U(PU) ¹⁾	9	–	■	–	■	–	–	+	A 91 ±3	3
		13					■			A 86 ±3	

1) Fibre-reinforced

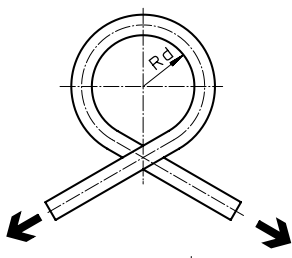
2) Values are determined using test boards. Values determined using tubing may vary.

+ Limited suitability (on request)

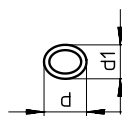
– Not suitable

Method of measurement

Flow-relevant bending radius Rd



The tube is bent in the direction of its own curve until the tubing outer diameter is flattened by 5%. Rd is then calculated mathematically. The flow rate is not reduced until Rd is reached.



Cross section flattened by bending the tube.

d = non-deformed tubing O.D.

d1 = deformed tubing O.D.

Technical data

Plastic tubing PU

Highly flexible fibre-reinforced plastic tubing distinguished by its great resistance to abrasion and to kinks.



General technical data		
Type	PU-9	PU-13
Pneumatic connection	For barbed connector internal diameter 9 mm with nut	For barbed connector internal diameter 13 mm with nut
Operating and environmental conditions		
Type	PU-9	PU-13
Operating pressure for entire temperature range [bar]	0 ... +10	-0.95 ... +10
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]	
Note on operating/pilot medium	Lubricated operation possible	
Ambient temperature [°C]	-35 ... +60	

Possible fittings



Quick connector CK

→ Internet: ck

Materials		
Type	PU-9	PU-13
Shore hardness	A 91 ±3	A 86 ±3
Tube	TPE-U(PU)	
Note on materials	RoHS-compliant	
LABS (PWIS) conformity	VDMA24364-B1/B2-L	

Dimensions and ordering data							
O.D.	I.D.	Flow-relevant bending radius	Weight	Colour	Part No.	Type	PU ¹⁾
[mm]	[mm]	[mm]	[kg/m]				[m]
11.6	9	76	0.056	Black	12134	PU-9-SW	50
17.6	13	83	0.133	Black	12133	PU-13-SW	50

1) Packaging unit