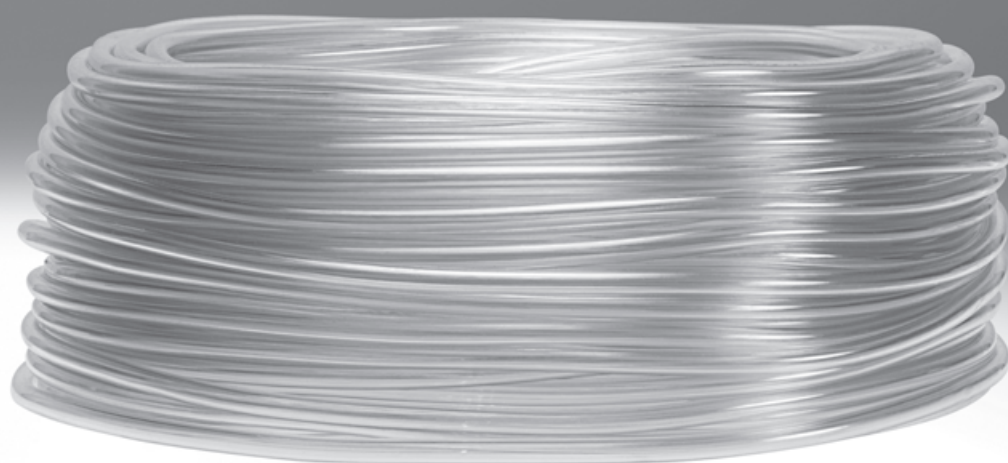


Plastic tubing, standard I.D.

FESTO



Plastic tubing, standard I.D.

Product range overview

FESTO

Product range overview											
Version	Type	I.D. [mm]	Colour			Operating medium			Resist- ance	Shore hardness ²⁾	→ Page/ Internet
			Blue	Black	Natural	Compressed air	Vacuum	Water (not drinking water)	Hydrolysis		
	PU TPE-U(PU) ¹⁾	9	-	■	-	■	-	-	+	A 91 ±3	3
		13	-	■	-	■	■	-	+	A 86 ±3	

1) Fibre-reinforced

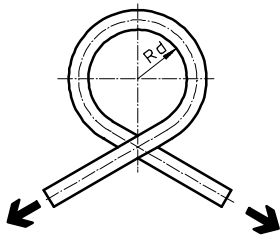
2) Values are determined using test boards. Values determined using tubing may vary.

+ Limited suitability (on request)

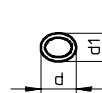
- Not suitable

Method of measurement

Flow-relevant bending radius R_d



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



Cross section flattened by bending the tube.

d = non-deformed tubing O.D.

$d1$ = deformed tubing O.D.

Plastic tubing PU

Technical data

FESTO

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

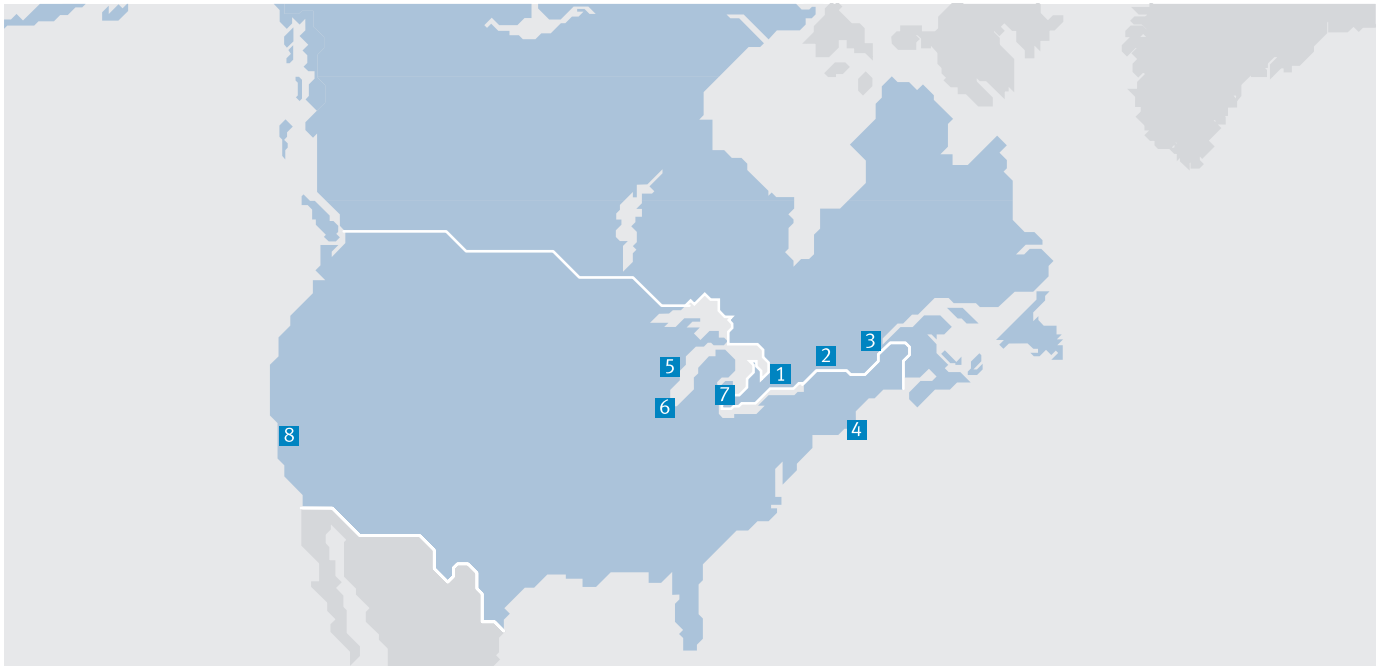
→ Internet: ck

Materials		
Type	PU-9	PU-13
Shore hardness	A 91 ±3	A 86 ±3
Tube	TPE-U(PU)	
Note on materials	RoHS-compliant	
	Free of copper and PTFE	

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

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Subject to change

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