


Plastic tubing, standard I.D.

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# Plastic tubing, standard I.D.

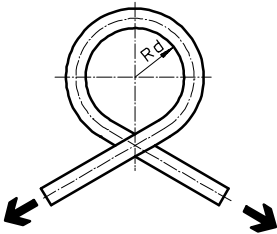
Product range overview

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

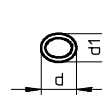
- 1) Fibre-reinforced
- 2) Values are determined using test boards. Values determined using tubing may vary.
- + Limited suitability (on request)
- Not suitable

## 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.

# Plastic tubing PU

Technical data

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## 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 <sup>1)</sup>
[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