

Datasheet

Plastic tubing PUN-H

With O.D. 2 mm

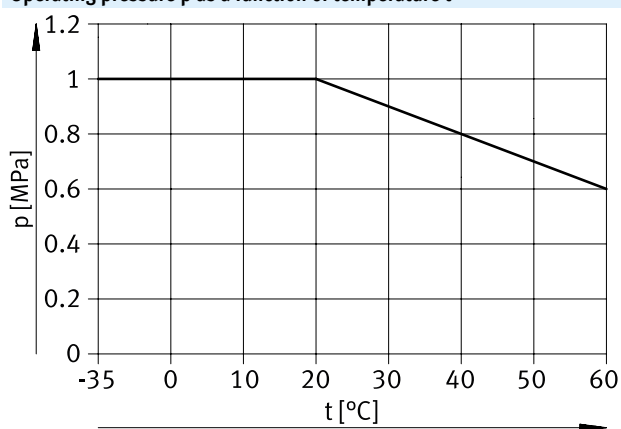
Material: Polyurethane



Operating and environmental conditions

Type	PUN-H-2	
O.D.	[mm]	2
Pneumatic connection		
For push-in connector	[mm]	2
Temperature-dependent operating pressure	[MPa]	-0.095 ... +1 → graph
	[bar]	-0.95 ... +10
	[psi]	-13.775 ... +145
Operating pressure for full temperature range	[MPa]	-0.095 ... +0.6
	[bar]	-0.95 ... +6
	[psi]	-13.775 ... +87
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]	
Ambient temperature	[°C]	-35 ... +60
Tubing characteristics	Suitable for energy chains	

Operating pressure p as a function of temperature t



Materials

Shore hardness	D 52 ±3
Tubing	TPE-U(PU)
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B2-L
Application information	TPE-U, ether-based

Dimensions and ordering data

O.D.	I.D.	Min. bending radius	Flow-relevant bending radius	Weight	Colour	Part no.	Type	PU ¹⁾
[mm]	[mm]	[mm]	[mm]	[kg/m]				[m]
2	1.2	5	8	0.0024	Natural	133038	PUN-H-2x0.4-NT	50
					Black	133039	PUN-H-2x0.4-SW	50
					Red	133040	PUN-H-2x0.4-RT	50

1) Packaging unit

Datasheet

Plastic tubing PUN-H

With O.D. 3 ... 16 mm

Material: Polyurethane



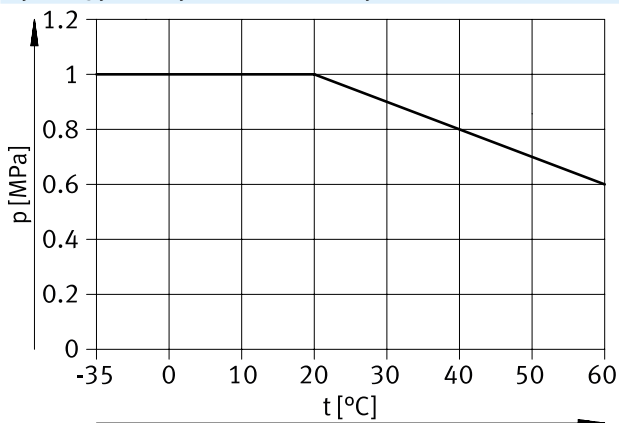
Operating and environmental conditions

Type		PUN-H-3	PUN-H-4	PUN-H-6	PUN-H-8	PUN-H-10	PUN-H-12	PUN-H-14	PUN-H-16
O.D.	[mm]	3	4	6	8	10	12	14	16
Pneumatic connection									
For push-in connector	[mm]	3	4	6	8	10	12	14	16
For barbed connector with union nut	[mm]	–	3	4	6	–	–	–	–
Temperature-dependent operating pressure	[MPa]	–0.095 ... +1 → graph							
	[bar]	–0.95 ... +10							
	[psi]	–13,775 ... +145							
Operating pressure for full temperature range	[MPa]	–0.095 ... +0.6							
	[bar]	–0.95 ... +6							
	[psi]	–13,775 ... +87							
Operating medium		Compressed air to ISO 8573-1:2010 [7:–:–]							
		Water as per manufacturer's declaration ¹⁾²⁾							
LABS (PWIS) conformity		VDMA24364-B2-L							
Suitable for the production of lithium-ion batteries		Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils.							
Cleanroom class		Element installed statically, no meaningful evaluation possible according to ISO 14644-1							
Application information		TPE-U, ether-based							
Ambient temperature	[°C]	–35 ... +60							
Food-safe ²⁾		See supplementary material information							
Material fire test		UL94 HB							
Certification ²⁾		German Technical Control Board (TÜV)							
Certificate-issuing authority		B 013277 0506 00							
Tubing characteristics		Suitable for energy chains							

1) Applies only to the colours natural, blue, black, silver, red, green, yellow

2) More information: www.festo.com/catalogue/pun-h → Support/Downloads.

Operating pressure p as a function of temperature t



Operating pressure p as a function of temperature t (medium: water)

