

**Plastic tubing**  
**PUN-H-8X1,25-TGN**  
 Part number: 8048697

**FESTO**



**Data sheet**

Feature	Value
Outside diameter	8 mm
Flow-relevant bending radius	37 mm
Inside diameter	5.7 mm
Min. bending radius	21 mm
Instructions on use	TPE-U Ether based
Tubing characteristics	Suitable for energy chains
Operating pressure complete temperature range	-0.095 MPa...0.6 MPa -0.95 bar...6 bar -13.775 psi...87 psi
Temperature-dependent operating pressure	-0.095 MPa...1 MPa -0.95 bar...10 bar -13.775 psi...145 psi
Note on operating pressure	Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C
Approval	German Technical Control Board (TÜV)
Certificate issuing authority	B 013277 0506 00
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Fire test material	UL94 HB
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Product corresponds to the internal product definition from Festo for use in battery production: Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The 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
Suitable for use with food	See supplementary material information
Ambient temperature	-35 °C...60 °C
Product weight according to length	0.0287 kg/m
Pneumatic connection	For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut
Colour	Translucent green
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant

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Material tubing	TPE-U(PU)