Plastic tubing
PUN-H-12X2-TGN-200

Part number: 8048718

General operating condition

Data sheet

Feature	Value
Outside diameter	12 mm
Flow-relevant bending radius	62 mm
Inside diameter	8 mm
Min. bending radius	33 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
Operating pressure complete temperature range	-0.95 bar ... 6 bar
Operating pressure complete temperature range	-13.775 psi ... 87 psi
Temperature-dependent operating pressure	-0.095 MPa ... 1 MPa
Temperature-dependent operating pressure	-0.95 bar ... 10 bar
Temperature-dependent operating pressure	-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	Suitable for battery production according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni
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	0.0729 kg/m
Pneumatic connection	For push-in connector outside diameter of 12 mm
Colour	Translucent green
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant
Material tubing	TPE-U(PU)