Plastic tubing
PUN-H-16X2,5-SW-100

Part number: 558255

General operating condition

Data sheet

Feature	Value
Outside diameter	16 mm
Bending radius relevant for flow rate	88 mm
Inside diameter	11 mm
Min. bending radius	38 mm
Application note	TPE-U Ether based
Tubing characteristics	Suitable for energy chains
Operating pressure for entire temperature range	-0.095 MPa ... 0.6 MPa
Operating pressure for entire temperature range	-0.95 bar ... 6 bar
Operating pressure for entire 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
Information on operating pressure	Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C
Certification	German Technical Control Board (TÜV)
Certificate issuing authority	B 013277 0506 00
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Material fire test	UL94 HB
LABS (PWIS) conformity	VDMA24364-B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Cleanroom class	Statically installed element, no meaningful evaluation possible according to ISO 14644-1
For use in the food industry	See supplementary material information
Ambient temperature	-35 °C ... 60 °C
Product weight by length	0.123 kg/m
Pneumatic connection	For plug connection outside diameter 16 mm
Color	Black
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant
Material of pneumatic tubing	TPE-U(PU)