Plastic tubing
PUN-H-3X0,5-BL-500

Part number: 558256



General operating condition

Data sheet

Feature	Value
Outside diameter	3 mm
Bending radius relevant for flow rate	12 mm
Inside diameter	2.1 mm
Min. bending radius	6 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	Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
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	0.0042 kg/m
Pneumatic connection	For plug connection outside diameter 3 mm
Color	Blue
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant
Material of pneumatic tubing	TPE-U(PU)

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DSBC-32-50-D3-PPVA-N3 DSBC-63-320-D3-PPVA-N3 DSBC-80-320-D3-PPVA-N3 QSLV-G1/4-6
DSBC-32-40-D3-PPVA-N3 DSBC-80-250-D3-PPSA-N3 NPQP-LQ-R18-Q4-FD-P10
NPQP-LQ-R18-Q8-FD-P10 NPQP-Y-Q6-E-FD-P10 QH-1 1/2 NPQP-D-Q4-S8-FD-P10 SNC-63 CRVZS-0.4
MSFW-110-50/60-DS NPQP-L-Q10-E-FD-P10 DFM-63-100-P-A-KF N-1/8-P-6 NPQH-T-G38-Q8-P10
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