Plastic tubing
PUN-H-3X0,5-GE

Part number: 558298



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	Yellow
Shore hardness	D 52 +/-3
Note on materials	RoHS-compliant
Material of pneumatic tubing	TPE-U(PU)

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DSBC-63-320-D3-PPVA-N3 NPQP-D-R14-Q10-FD-P10 NPQP-D-R38-Q10-FD-P10 SPTW-P16R-G14-A-M12 VABM-B10-25S-G38-6 DSBC-32-50-D3-PPVA-N3 NPQH-D-Q14-E-P10 QS-G1/8-6-I QSL-12 DSBC-32-40-D3-PPVA-N3 NPQH-D-S14-Q8-P10 QSL-1/4-4 VABM-B10-20S-G14-6 VABM-B10-25S-G38-4-P3 DSBC-50-20-D3-PPSA-N3 NPQH-D-Q12-Q8-P10 NPQH-T-G38-Q8-P10 QS-G3/8-12 QSLV-G1/2-12-I QSLV-G1/8-8 DSBC-40-50-D3-PPSA-N3 VABM-L1-18S-G38-10 153034 QSLV-G1/4-6 HGL-1/8-B VABM-L1-10HW-G18-4-GR SEA-3GS-M8-S DFM-63-100-P-A-KF DSBC-40-160-D3-PPSA-N3 VABM-L1-14W-G14-4-GR