Plastic tubing PUN-H-8X1,25-TRT-400 Part number: 8048696





Data sheet

Bending radius relevant for flow rate Inside diameter S.7 mm Min. bending radius Application note TPE-U Ether based Tubing characteristics Operating pressure for entire temperature range Operating pressure for entire temperature dependent operating pressure, see diagram, max on the pressure for entire temperature dependent operating pressure, see diagram, max on the pressure for entire temperature dependent operating pressure, see diagram, max on the pressure for entire temperature dependent operating pressure, see diagram, max on the pressure for entire temperature for entir	Feature	Value
Inside diameter 5.7 mm Min. bending radius 21 mm TPE-U Ether based Tubing characteristics Suitable for energy chains	Outside diameter	8 mm
Min. bending radius Application note TPE-U Ether based Tubing characteristics Suitable for energy chains -0.095 MPa0.6 MPa -0.95 bar6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.095 MPa1 MPa -0.95 bar10 bar -13.775 psi145 psi Information on operating pressure -0.095 MPa145 psi Information on operating pressure -0.095 MPa1 MPa -0.95 bar10 bar -13.775 psi145 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% 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 Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Bending radius relevant for flow rate	37 mm
Application note TPE-U Ether based Tubing characteristics Suitable for energy chains -0.095 MPa0.6 MPa -0.95 bar6 bar -13.775 psi87 psi -0.095 MPa1 MPa -0.95 bar1 MPa -0.95 bar1 MPa -0.95 bar1 bar -13.775 psi87 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) Water (liquid, ice-free) Suitability for the production of Li-ion batteries Metals with more than 1% 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 Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Inside diameter	5.7 mm
Suitable for energy chains Operating pressure for entire temperature range Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Information on operating pressure Operating pressure Water: temperature-dependent operating pressure, see diagram, max on the pressure of the pressure o	Min. bending radius	21 mm
Operating pressure for entire temperature range -0.095 MPa0.6 MPa -0.95 bar6 bar -13.775 psi87 psi -0.095 MPa1 MPa -0.95 bar10 bar -13.775 psi145 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% 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 Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Application note	TPE-U Ether based
-0.95 bar6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.95 MPa1 MPa -0.95 bar10 bar -13.775 psi145 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% 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 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Tubing characteristics	Suitable for energy chains
-0.95 bar10 bar -13.775 psi145 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% 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 Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Operating pressure for entire temperature range	-0.95 bar6 bar
O.3 MPa at 0 - 60 °C Certification German Technical Control Board (TÜV) Certificate issuing authority B 013277 0506 00 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% 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 Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Temperature-dependent operating pressure	-0.95 bar10 bar
Certificate issuing authority Departing 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% 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 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Information on operating pressure	Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C
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% 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 Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Certification	German Technical Control Board (TÜV)
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LABS (PWIS) conformity VDMA24364-B2-L Suitability for the production of Li-ion batteries Metals with more than 1% 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 -35 °C60 °C Product weight by length Pneumatic connection For plug connection outside diameter 8 mm	Operating medium	
Metals with more than 1% 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 -35 °C60 °C Product weight by length O.0287 kg/m Pneumatic connection For plug connection outside diameter 8 mm	Material fire test	UL94 HB
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 °C60 °C Product weight by length O.0287 kg/m Pneumatic connection For plug connection outside diameter 8 mm	LABS (PWIS) conformity	VDMA24364-B2-L
according to ISO 14644-1 For use in the food industry Ambient temperature -35 °C60 °C Product weight by length Pneumatic connection according to ISO 14644-1 See supplementary material information -35 °C60 °C 0.0287 kg/m For plug connection outside diameter 8 mm	Suitability for the production of Li-ion batteries	surfaces, printed circuit boards, cables, electrical plug connectors and
Ambient temperature -35 °C60 °C Product weight by length 0.0287 kg/m Pneumatic connection For plug connection outside diameter 8 mm	Cleanroom class	
Product weight by length 0.0287 kg/m Pneumatic connection For plug connection outside diameter 8 mm	For use in the food industry	See supplementary material information
Pneumatic connection For plug connection outside diameter 8 mm	Ambient temperature	-35 °C60 °C
	Product weight by length	0.0287 kg/m
	Pneumatic connection	
Color Translucent red	Color	Translucent red
Shore hardness D 52 +/-3	Shore hardness	D 52 +/-3
Note on materials RoHS-compliant	Note on materials	RoHS-compliant

Feature	Value
Material of pneumatic tubing	TPE-U(PU)