Plastic tubing PUN-H-8X1,25-TGE-400 Part number: 8048700





Data sheet

sending radius relevant for flow rate 37 mm Ain. bending radius 21 mm TPE-U Ether based wibing characteristics Suitable for energy chains Operating pressure for entire temperature range O.095 MPa06 MPa O.95 bar0 bar -13.775 psi87 psi emperature-dependent operating pressure O.095 MPa1 MPa O.95 bar10 bar -13.775 psi145 psi information on operating pressure Water: temperature-dependent operating pressure, see diagram, max. O.3 MPa at O - 60 °C German Technical Control Board (TÜV) Fertificate issuing authority B 013277 0506 00 Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) Material fire test UL94 HB ASS (PWIS) conformity Waters (liquid, ice-free) 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 Statically installed element, no meaningful evaluation possible according to ISO 14644-1 or use in the food industry See supplementary material information To pute connection For plug connection outside diameter 8 mm For por barbed fitting, inside diameter 6 mm, with union nut Sidor Translucent yellow D 52 4/-3	Feature	Value
Afin. bending radius Afin. bending radius 21 mm TPE-U Ether based Ubing characteristics Suitable for energy chains 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 bar1 MPa -0.95 bar1 D bar -13.775 psi145 psi -0.095 MPa1 MPa -0.95 bar1 D bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -0.095 MPa1 MPa -0.95 bar10 bar -1.3.775 psi145 psi -1.3.775 psi -1.3.775 psi -1.3.775 psi -1.3.775 psi -1.3.775 ps	Outside diameter	8 mm
Alm. bending radius 21 mm TPE-U Ether based Suitable for energy chains	Bending radius relevant for flow rate	37 mm
TPE-U Ether based Departing pressure for entire temperature range Departing pressure Departing press	Inside diameter	5.7 mm
ubing characteristics Deparating pressure for entire temperature range Deparating pressure for entire temperature range Departing pressure for entire temperature range Departing pressure for entire temperature range Departing pressure Departing medium Departing medium departing pressure, see diagram, max. Departing pressure, see diagram, max. Departing pressure, see diagram, max. Departing pressure. Departin	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 -0.095 MPa10 bar -13.775 psi145 psi -0.095 MPa10 bar -13.775 psi145 psi -0.095 MPa10 MPa -0.95 bar10 bar -13.775 psi145 psi -0.095 MPa10 MPa -0.95 bar10 bar -13.775 psi145 psi -0.095 MPa10 MPa -0.95 bar10 bar -13.775 psi145 psi -0.095 MPa10 MPa -0.95 MPa -0.95 MPa10	Application note	TPE-U Ether based
-0.95 bar6 bar -13.775 psi87 psi -0.095 MPa1 MPa -0.095 MPa1 D bar -13.775 psi145 psi -0.095 MPa1 D bar -13.775 psi145 psi -0.095 MPa1 D bar -13.775 psi145 psi -0.095 bar10 bar -13.775 psi10 bar -13.	Tubing characteristics	Suitable for energy chains
-0.95 bar10 bar -13.775 psi145 psi Moter: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Gertification	Operating pressure for entire temperature range	-0.95 bar6 bar
O.3 MPa at 0 - 60 °C Sertification German Technical Control Board (TÜV) Sertificate 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 ABS (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 Statically installed element, no meaningful evaluation possible according to ISO 14644-1 or use in the food industry See supplementary material information Subjent temperature -35 °C60 °C Orduct weight by length O.0287 kg/m Oneumatic connection For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Schore hardness D 52 +/-3	Temperature-dependent operating pressure	-0.95 bar10 bar
B 013277 0506 00 Compressed air as per ISO 8573-1:2010 [7::-] Water (liquid, ice-free) Material fire test UL94 HB ABS (PWIS) conformity Wetals 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 Statically installed element, no meaningful evaluation possible according to ISO 14644-1 or use in the food industry See supplementary material information wholent temperature -35 °C60 °C roduct weight by length Preumatic connection For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	Information on operating pressure	
Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) Material fire test UL94 HB ABS (PWIS) conformity VDMA24364-B2-L 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 Statically installed element, no meaningful evaluation possible according to ISO 14644-1 for use in the food industry See supplementary material information which is the product weight by length O.0287 kg/m For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	Certification	German Technical Control Board (TÜV)
Water (liquid, ice-free) Material fire test ABS (PWIS) conformity WDMA24364-B2-L 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 Oneumatic connection For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	Certificate issuing authority	B 013277 0506 00
ABS (PWIS) conformity VDMA24364-B2-L 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 735 °C60 °C Product weight by length O.0287 kg/m For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	Operating medium	
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from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils 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 Prounding connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Translucent yellow Shore hardness D 52 +/-3	LABS (PWIS) conformity	VDMA24364-B2-L
according to ISO 14644-1 For use in the food industry See supplementary material information Ambient temperature -35 °C60 °C For oduct weight by length Preumatic connection For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Folior Translucent yellow Shore hardness D 52 +/-3	Suitability for the production of Li-ion batteries	from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and
Ambient temperature -35 °C60 °C Product weight by length Product connection For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	Cleanroom class	
Product weight by length O.0287 kg/m For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	For use in the food industry	See supplementary material information
For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Chore hardness D 52 +/-3	Ambient temperature	-35 °C60 °C
For barbed fitting, inside diameter 6 mm, with union nut Color Translucent yellow Shore hardness D 52 +/-3	Product weight by length	0.0287 kg/m
Shore hardness D 52 +/-3	Pneumatic connection	
227	Color	Translucent yellow
lote on materials RoHS-compliant	Shore hardness	D 52 +/-3
	Note on materials	RoHS-compliant

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