Plastic tubing PUN-H-8X1,25-NT Part number: 197378





Data sheet

Flow-relevant bending radius Inside diameter 5.7 mm Min. bending radius 21 mm TPE-U Ether based Tubing characteristics Suitable for energy chains Operating pressure complete temperature range -0.95 bar.a 6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.095 MPa 10 bar -13.775 psi145 psi Note on operating pressure Water: temperature-dependent operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 · 60 °C German Technical Control Board (TÜV) Certificate issuing authority Bo13277 0506 00 Coperating medium Compressed air to 150 8573-1:2010 {7:···} Water (liquid, ice-free) 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 colls Cleanroom class Element installed statically, no meaningful evaluation possible according to ISO 14644-1 See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length Pneumatic connection For push-in connector 0.D. 8 mm For push-in c	Feature	Value
Inside diameter Min. bending radius 21 mm TPE-U Ether based TDE-U Ether based TD-095 MPa06 MPa TD-095	Outside diameter	8 mm
Min. bending radius Instructions on use TPE-U Ether based TUbing characteristics Suitable for energy chains Operating pressure complete temperature range -0.095 MPa0.6 MPa -0.95 barr6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.095 MPa1 MPa -0.95 barr10 bar -13.775 psi145 psi Note on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Approval German Technical Control Board (TÜV) Certificate issuing authority B 013277 0506 00 Compressed air to ISO 8573-1:2010 [7:] Water (liquid, ice-free) Fire test material 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 Cleanroom class Element installed statically, no meaningful evaluation possible according to ISO 14644-1 See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length Por pash-in connector O.D. 8 mm For pash-in connector O.D. 8 mm F	Flow-relevant bending radius	37 mm
TPE-U Ether based Tubing characteristics Suitable for energy chains -0.095 MPa0.6 MPa -0.95 bar6 bar -0.95 MPa0.6 MPa -0.95 bar6 bar -0.95 MPa10 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.095 MPa10 bar -13.775 psi10 bar -13.775 psi145 psi Note on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C German Technical Control Board (TÜV) Certificate issuing authority B 033277 0506 00 Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) UL94 HB UL94 HB UL94 HB 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length O.0287 kg/m Preumatic connection For parbed fitting inside diameter of 6 mm with union nut Natural Shore hardness D 52 +/-3	Inside diameter	5.7 mm
Tubing characteristics Operating pressure complete temperature range Operating pressure complete temperature range Operating pressure complete temperature range Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Water: temperature-dependent operating pressure, see diagram, max. Operating pressure Water: temperature-dependent operating pressure, see diagram, max. Operating authority Operating authority Operating medium Compressed air to ISO 8573-1:2010 [7:] Water (liquid, ice-free) Operating medium Compressed air to ISO 8573-1:2010 [7:] Water (liquid, ice-free) Water (liquid, ice-free) UL94 HB UL94 HB UL94 HB UL94 HB Calcal 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length Operating inside diameter of 6 mm with union nut Natural Shore hardness D 52 +/-3	Min. bending radius	21 mm
Operating pressure complete temperature range -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 Note on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Approval German Technical Control Board (TÜV) Certificate issuing authority B 013277 0506 00 Operating medium Compressed air to ISO 8573-1:2010 [7::-] Water (liquid, ice-free) 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length Pous Product weight according to length For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Natural Shore hardness D 52 +/-3	Instructions on use	TPE-U Ether based
-0.95 bar6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.095 MPa1 MPa -0.95 bar10 bar -13.775 psi145 psi Note on operating pressure -0.095 MPa145 psi Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Approval -0.095 MPa10 Board (TÜV) German Technical Control Board (TÜV) Certificate issuing authority -0.096 Bo 013277 0506 00 Operating medium -0.097 MPa at 0 - 60 °C Compressed air to ISO 8573-1:2010 [7:] -0.007 Water (liquid, ice-free) Fire test material -0.194 HB LABS (PWIS) conformity -0.008 VDMA24364-B2-L Suitability for the production of Li-ion batteries -0.008 Water (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 Cleanroom class -0.008 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food -0.0287 kg/m	Tubing characteristics	Suitable for energy chains
O.95 bar10 bar 13.775 psi145 psi Note on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Approval German Technical Control Board (TÜV) Certificate issuing authority B 013277 0506 00 Operating medium Compressed air to ISO 8573-1:2010 [7:] Water (liquid, ice-free) Fire test material 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food Ambient temperature Product weight according to length Poeumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Operating pressure complete temperature range	-0.95 bar6 bar
O.3 MPa at 0 - 60 °C Approval German Technical Control Board (TÜV) Certificate issuing authority B 013277 0506 00 Operating medium Compressed air to ISO 8573-1:2010 [7:] Water (liquid, ice-free) Fire test material 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length O.0287 kg/m Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Temperature-dependent operating pressure	-0.95 bar10 bar
Certificate issuing authority B 013277 0506 00 Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) Fire test material 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length O.0287 kg/m Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Note on operating pressure	
Compressed air to ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) Fire test material 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food Ambient temperature -35 °C60 °C Product weight according to length Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Approval	German Technical Control Board (TÜV)
Water (liquid, ice-free) Fire test material 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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food See supplementary material information Ambient temperature -35 °C60 °C Product weight according to length O.0287 kg/m For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Certificate issuing authority	B 013277 0506 00
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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food Ambient temperature -35 °C60 °C Product weight according to length Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Operating medium	
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 Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food Ambient temperature -35 °C60 °C Product weight according to length O.0287 kg/m Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Fire test material	UL94 HB
from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils Cleanroom class Element installed statically, no meaningful evaluation possible according to ISO 14644-1 Suitable for use with food Ambient temperature -35 °C60 °C Product weight according to length Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	LABS (PWIS) conformity	VDMA24364-B2-L
according to ISO 14644-1 Suitable for use with food Ambient temperature -35 °C60 °C Product weight according to length Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural 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 according to length O.0287 kg/m Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Cleanroom class	
Product weight according to length O.0287 kg/m For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Suitable for use with food	See supplementary material information
Pneumatic connection For push-in connector O.D. 8 mm For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Ambient temperature	-35 °C60 °C
For barbed fitting inside diameter of 6 mm with union nut Colour Natural Shore hardness D 52 +/-3	Product weight according to length	0.0287 kg/m
Shore hardness D 52 +/-3	Pneumatic connection	
	Colour	Natural
Note on materials RoHS-compliant	Shore hardness	D 52 +/-3
	Note on materials	RoHS-compliant

Feature	Value
Material tubing	TPE-U(PU)