## Plastic tubing PUN-H-6X1-SW-500 Part number: 558251





## **Data sheet**

lending radius relevant for flow rate  26 mm  A	Feature	Value
A mm  Alin. bending radius  10 mm  TPE-U Ether based  population note  TPE-U Ether based  Suitable for energy chains  O-0.95 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 MPa -0.95 bar1 D bar -13.775 psi145 psi  Information on operating pressure  Water: temperature-dependent 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)  Pretrificate issuing authority  B 013277 0506 00  Compressed air as per ISO 8573-1:2010 [7::-] Water (liquid, ice-free)  Water (liquid, ice-free)  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  Leanroom class  Statically installed element, no meaningful evaluation possible according to ISO 14644-1  See supplementary material information  Journal of temperature  J 55 °C60 °C  Torduct weight by length  D 0.0183 kg/m  Por plug connection outside diameter 6 mm For playe of fitting, inside diameter 4 mm, with union nut  Solor  Black  D 52 +/-3	Outside diameter	6 mm
Alin. bending radius  ID mm  TPE-U Ether based  Suitable for energy chains  O.095 MPAO.6 MPa -0.95 barr6 bar -13.775 psi87 psi  emperature-dependent operating pressure  O.095 MPA1 MPa -0.95 barr10 bar -13.775 psi145 psi  formation on operating pressure  Water: temperature-dependent operating pressure  O.3 MPa at 0 - 60 °C  German Technical Control Board (TÜV)  entificate issuing authority  B 013277 0506 00  Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)  Water (liquid, ice-free)  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  Ideanroom class  Statically installed element, no meaningful evaluation possible according to ISO 14644-1  or use in the food industry  See supplementary material information  which temperature  -35 °C60 °C  roduct weight by length  for play connection outside diameter 6 mm  For play connection outside diameter 4 mm, with union nut  before hardness  D 52 +/-3	Bending radius relevant for flow rate	26 mm
TPE-U Ether based  Deprication note  TPE-U Ether based  Deprication note  TPE-U Ether based  Suitable for energy chains  -0.095 MPa0.6 MPa -0.95 bar6 bar -0.95 MPa0.6 MPa -0.95 bar6 bar -0.95 MPa1 MPa -0.95 bar10 bar -0.95 bar10 bar -0.95 bar10 bar -13.775 psi145 psi  Deprication on operating pressure  Water: temperature-dependent operating pressure, see diagram, max -0.3 MPa at 0 - 60 °C  Deprication  German Technical Control Board (TÜV)  Departing medium  Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, i.e-free)  Set Statically installed element, no meaningful evaluation possible according to ISO 14644-1  For use in the food industry  See supplementary material information  When temperature  -35 °C60 °C	Inside diameter	4 mm
Suitable for energy chains  Operating pressure for entire temperature range  Operating pressure  Operating pressure  Operating pressure  Operating pressure  Operating pressure  Operating pressure  Water: temperature-dependent operating pressure, see diagram, max. Operating authority  B 013277 056 00  Compressed air as per ISO 8573-1:2010 [7:]  Water (liquid, ice-free)  Water (liquid, i	Min. bending radius	10 mm
O.095 MPa0.6 MPa O.95 bPa0.6 MPa O.95 bPa0.6 MPa O.95 bPa1 MP	Application note	TPE-U Ether based
-0.95 bar6 bar -13.775 psi87 psi emperature-dependent operating pressure -0.095 MPa1 MPa -0.95 bar10 bar -13.775 psi145 psi -13.775 psi -13.775 psi145 p	Tubing characteristics	Suitable for energy chains
-0.95 bar10 bar -13.775 psi145 psi  Mater: 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 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 Subject temperature -35 °C60 °C Ordouct weight by length O.0183 kg/m Oneumatic connection For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut Solor Black Shore 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  which temperature -35 °C60 °C  roduct weight by length The umatic connection For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 5 mm For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 5 mm For barbed fitting, inside diameter 4 mm, with union nut	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  Water (switch 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  wholen temperature  -35 °C60 °C  roduct weight by length  oneumatic connection  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  solor  Black  there 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  or use in the food industry  See supplementary material information  Inhelment temperature  -35 °C60 °C  Oo183 kg/m  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  Color  Black  Chore 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  or use in the food industry  See supplementary material information  ambient temperature  -35 °C60 °C  orduct weight by length  for plug connection outside diameter 6 mm  For barbed fitting, inside diameter 4 mm, with union nut  color  Black  Chore hardness  D 52 +/-3	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  Statically installed element, no meaningful evaluation possible according to ISO 14644-1  or use in the food industry  See supplementary material information  Industry  The unatic connection  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  Slack  D 52 +/-3	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  Statically installed element, no meaningful evaluation possible according to ISO 14644-1  or use in the food industry  See supplementary material information  ambient temperature  -35 °C60 °C  Product weight by length  O.0183 kg/m  Preumatic connection  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  Solor  Black  Shore hardness  D 52 +/-3	LABS (PWIS) conformity	VDMA24364-B2-L
according to ISO 14644-1  or use in the food industry  see supplementary material information  ambient temperature  -35 °C60 °C  orduct weight by length  neumatic connection  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  folor  Black 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
roduct weight by length  roduct weight by length  rolumntic connection  rolumntic connection  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  Foliant Black  Shore hardness  D 52 +/-3	Cleanroom class	
Product weight by length  O.0183 kg/m  For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  Solor  Black Shore hardness  D 52 +/-3	For use in the food industry	See supplementary material information
For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut  Solor Black Shore hardness D 52 +/-3	Ambient temperature	-35 °C60 °C
For barbed fitting, inside diameter 4 mm, with union nut  Solor Black Shore hardness D 52 +/-3	Product weight by length	0.0183 kg/m
hore hardness D 52 +/-3	Pneumatic connection	' <del>-</del>
	Color	Black
lote on materials RoHS-compliant	Shore hardness	D 52 +/-3
	Note on materials	RoHS-compliant

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