

Data sheet

Bending radius relevant for flow rate Inside diameter 5.7 mm Min. bending radius 21 mm Application note TPE-U Ether based Tubing characteristics Operating pressure for entire temperature range -0.95 bar.a. 6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.095 MPa 10 bar -13.775 psi10 bar -13.775 psi145 psi Information 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 Bo 13277 0506 00 Operating medium Compressed air as per ISO 8573-1:2010 [7:-:] Water (liquid, ice-free) Water (liquid, ice-free) UL94 HB LABS (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 colls Cleanroom class Statically installed element, no meaningful evaluation possible according to ISO 14644-1 See supplementary material information Ambient temperature -35 °C60 °C Product weight by length Pro plug connection outside diameter 8 mm For parabed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Feature	Value
Inside diameter Min. bending radius Application note TPE-U Ether based Tubing characteristics Operating pressure for entire temperature range -0.95 MPa0.6 MPa -0.95 bar6 bar -13.775 psi87 psi Temperature-dependent operating pressure -0.905 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 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 U.94 HB LABS (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 Ambient temperature -35 °C60 °C Product weight by length Por plug connection outside diameter 8 mm For plug connection outside diameter 8 mm For plug connection outside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Outside diameter	8 mm
Min. bending radius Application note TPE-U Ether based Tubing characteristics Suitable for energy chains Operating pressure for entire 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 Information on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Gertification 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, i.e-free) Waters (liquid, i.e-free) U.94 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 Cleanroom temperature 35 °C60 °C Product weight by length Poe use in the food industry See supplementary material information For place difficing, inside diameter 8 mm For place dominance on the sufficiency of the sufficiency of the sufficiency of the sufficiency in the sufficiency of the sufficiency of the sufficiency in the sufficiency of the suffici	Bending radius relevant for flow rate	37 mm
Application note TPE-U Ether based Tubing characteristics Suitable for energy chains Operating pressure for entire temperature range -0.95 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 psi87 psi Information on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0.60 °C Gertification German Technical Control Board (TÜV) Gertificate issuing authority B 1013277 0506 00 Operating medium Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free) UL94 HB UL94 HB UABS (PWIS) conformity VOMA24364-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 For barbed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Inside diameter	5.7 mm
Tubing characteristics Suitable for energy chains Operating pressure for entire 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 Information on operating pressure Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C Gertification 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 colls 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 Por pulg connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Min. bending radius	21 mm
Operating pressure for entire 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 Information on operating pressure 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 Compressed air as per 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 Statically installed element, no meaningful evaluation possible according to ISO 14644-1 See supplementary material information Ambient temperature -35 °C60 °C Product weight by length O.0287 kg/m Pneumatic connection For parbed fitting, inside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Application note	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 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 For barbed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Tubing characteristics	Suitable for energy chains
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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 Yellow Shore hardness D 52 +/-3	For use in the food industry	See supplementary material information
Pneumatic connection For plug connection outside diameter 8 mm For barbed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Ambient temperature	-35 °C60 °C
For barbed fitting, inside diameter 6 mm, with union nut Color Yellow Shore hardness D 52 +/-3	Product weight by length	0.0287 kg/m
Shore hardness D 52 +/-3	Pneumatic connection	
	Color	Yellow
Note on materials RoHS-compliant	Shore hardness	D 52 +/-3
	Note on materials	RoHS-compliant

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