

Plastic tubing PUN-H-12X2-TGE

Part number: 8048719

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Outside diameter | 12 mm |
| Bending radius relevant for flow rate | 62 mm |
| Inside diameter | 8 mm |
| Min. bending radius | 33 mm |
| Application note | TPE-U Ether based |
| Tubing characteristics | Suitable for energy chains |
| Operating pressure for entire temperature range | -0.095 MPa ... 0.6 MPa |
| Operating pressure for entire temperature range | -0.95 bar ... 6 bar |
| Operating pressure for entire temperature range | -13.775 psi ... 87 psi |
| Temperature-dependent operating pressure | -0.095 MPa ... 1 MPa |
| Temperature-dependent operating pressure | -0.95 bar ... 10 bar |
| Temperature-dependent operating pressure | -13.775 psi ... 145 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% by mass of 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 °C ... 60 °C |
| Product weight by length | 0.0729 kg/m |
| Pneumatic connection | For plug connection outside diameter 12 mm |
| Color | Translucent yellow |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS-compliant |
| Material of pneumatic tubing | TPE-U(PU) |