# Plastic tubing
# PUN-H-12X2-TSW

Part number: 8048713



## 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<br>-0.95 bar...6 bar<br>-13.775 psi...87 psi |
| Temperature-dependent operating pressure | -0.095 MPa...1 MPa<br>-0.95 bar...10 bar<br>-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 | TÜV |
| Certificate issuing authority | B 013277 0527 00 |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free) |
| Material fire test | UL94 HB |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Cleanroom suitability, measured according to ISO 14644-14 | 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 black |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS compliant |
| Material of pneumatic tubing | TPE-U(PU) |