# Plastic tubing
# PUN-H-8X1,25-SI-400

Part number: 558273



## Data sheet

| Feature | Value |
|---|---|
| Outside diameter | 8 mm |
| Flow-relevant bending radius | 37 mm |
| Inside diameter | 5.7 mm |
| Min. bending radius | 21 mm |
| Instructions on use | TPE-U, ether-based |
| Tubing characteristics | Suitable for energy chains |
| Operating pressure complete 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 |
| 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 0527 00 |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free) |
| Fire test material | 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 | Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |
| Suitable for use with food | See supplementary material information |
| Ambient temperature | -35 °C...60 °C |
| Product weight according to length | 0.0287 kg/m |
| Pneumatic connection | For push-in connector O.D. 8 mm<br>For push-in connector outside diameter of 5/16"<br>For barbed fitting inside diameter of 6 mm with union nut |
| Colour | Silver |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS compliant |
| Material tubing | TPE-U(PU) |