

Plastic tubing PUN-H-8X1,25-TGE

Part number: 8048699

FESTO



 General operating condition

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 |
| Operating pressure complete temperature range | -0.95 bar ... 6 bar |
| Operating pressure complete 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 |
| 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:-:-] 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 For push-in connector outside diameter of 5/16" For barbed fitting inside diameter of 6 mm with union nut |
| Colour | Translucent yellow |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS compliant |
| Material tubing | TPE-U(PU) |