

Plastic tubing PUN-6X1-RT

Part number: 178411

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Outside diameter | 6 mm |
| Bending radius relevant for flow rate | 26.5 mm |
| Inside diameter | 4 mm |
| Min. bending radius | 16 mm |
| Application note | TPE-U, ester-based The plastic tubing can only be installed in contact with cables if the sheathing is free from phosphoric acid esters. Failure to observe this can result in damage to the plastic tubing. |
| Tubing characteristics | Suitable for energy chains |
| Operating pressure for entire temperature range | -0.095 MPa ... 0.7 MPa |
| Operating pressure for entire temperature range | -0.95 bar ... 7 bar |
| Operating pressure for entire temperature range | -13.775 psi ... 101.5 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 |
| Certification | TÜV |
| Certificate issuing authority | B 013277 0527 00 |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| Material fire test | UL94 HB |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Ambient temperature | -35 °C ... 60 °C |
| Product weight by length | 0.0192 kg/m |
| Pneumatic connection | For plug connection outside diameter 6 mm For barbed fitting, inside diameter 4 mm, with union nut For barbed fitting, inside diameter 4 mm |
| Color | Red |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS compliant |
| Material of pneumatic tubing | TPE-U(PU) |