

Plastic tubing PUN-3X0,5-RT

Part number: 178409

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Outside diameter | 3 mm |
| Bending radius relevant for flow rate | 12 mm |
| Inside diameter | 2.1 mm |
| Min. bending radius | 9 mm |
| Application note | TPE-U Ester based The plastic tubing may only be laid in contact with cables if their sheathing is free of phosphoric acid esters. Otherwise the plastic tubing may get damaged. |
| 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 | German Technical Control Board (TÜV) |
| Certificate issuing authority | B 013277 0506 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 | 0.0044 kg/m |
| Pneumatic connection | For plug connection outside diameter 3 mm For barbed fitting, inside diameter 2 mm |
| Color | Red |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS-compliant |
| Material of pneumatic tubing | TPE-U(PU) |