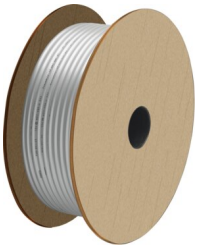
# Plastic tubing
# PUN-3X0,5-SI-500

Part number: 525738



## 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<br>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<br>-0.95 bar...7 bar<br>-13.775 psi...101.5 psi |
| Temperature-dependent operating pressure | -0.095 MPa...1 MPa<br>-0.95 bar...10 bar<br>-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 | 0.0044 kg/m |
| Pneumatic connection | For plug connection outside diameter 3 mm<br>For barbed fitting, inside diameter 2 mm |
| Color | Silver |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS compliant |
| Material of pneumatic tubing | TPE-U(PU) |