

# plastic tubing PUN-3X0,5-RT

Part number: 178409

FESTO

Standard O.D tubing, for QS plug connectors, CN and CK polyurethane fittings (not approved for use in the food industry).



## 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   |
| Instructions for use                            | 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. Otherwise the plastic tubing can get damaged. |
| Tubing characteristics                          | Suitable for energy chains   |
| Operating pressure for entire temperature range | -0.095 ... 0.7 MPa   |
| Operating pressure complete temperature range   | -0.95 ... 7 bar  |
| Operating pressure for entire temperature range | -13.775 ... 101.5 psi  |
| Temperature-dependent operating pressure        | -0.095 ... 1 MPa   |
| Temperature dependent operating pressure        | -0.95 ... 10 bar   |
| Temperature-dependent operating pressure        | -13.775 ... 145 psi  |
| Authorisation                                   | TÜV  |
| Certificate issuing department                  | B 013277 0506 00   |
| Operating medium                                | Compressed air in accordance with ISO8573-1:2010 [7:-:-]   |
| Material fire test                              | UL94 HB  |
| PWIS conformity                                 | VDMA24364-B2-L   |
| Ambient temperature                             | -35 ... 60 °C  |
| Product weight according to length              | 0.0044 kg/m  |
| Pneumatic connection                            | For push-in connector outside diameter 3 mm<br>for barbed connector internal diameter 2 mm with nut  |
| Colour  | Red  |
| Shore hardness                                  | D 52 +/-3  |
| Materials note                                  | Conforms to RoHS   |
| Material tubing                                 | TPE-U(PU)  |