

# Plastic tubing PUN-V0-10X2-RT-C

Part number: 561712

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Outside diameter                                | 10 mm  |
| Bending radius relevant for flow rate           | 42 mm  |
| Inside diameter                                 | 6 mm   |
| Min. bending radius                             | 12 mm  |
| Tubing characteristics                          | Suitable for energy chains   |
| Operating pressure for entire temperature range | -0.095 MPa ... 0.9 MPa   |
| Operating pressure for entire temperature range | -0.95 bar ... 9 bar  |
| Operating pressure for entire temperature range | -13.775 psi ... 130.5 psi  |
| Temperature-dependent operating pressure        | -0.095 MPa ... 1.6 MPa   |
| Temperature-dependent operating pressure        | -0.95 bar ... 16 bar   |
| Temperature-dependent operating pressure        | -13.775 psi ... 232 psi  |
| Information on operating pressure               | For applications with weld spatter: max. 1 MPa at 20 °C, max. 0.9 MPa at 40 °C, max. 0.7 MPa at 60 °C<br>Water: max. 0.6 MPa at max. 50 °C |
| Certification                                   | TÜV  |
| Certificate issuing authority                   | B 013277 0527 00   |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:-:]<br>Water (liquid, ice-free)   |
| Material fire test                              | UL94 V-0 (3mm)<br>UL94 V-2 (0.75mm)  |
| LABS (PWIS) conformity                          | VDMA24364-B2-L   |
| Ambient temperature                             | -35 °C ... 60 °C   |
| Note on ambient temperature                     | unpressurized use up to 90°C   |
| Product weight by length                        | 0.064 kg/m   |
| Pneumatic connection                            | For plug connection outside diameter 10 mm<br>For barbed fitting, inside diameter 6 mm   |
| Color   | Red  |
| Information on color                            | Deviates from the standard color due to flame protection   |
| Shore hardness                                  | D 54 +/-3  |
| Note on materials                               | RoHS compliant   |
| Material of pneumatic tubing                    | TPE-U(PU)  |