

# Plastic tubing PUN-V0-6X1-BL

Part number: 525442

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                             | 12 mm   |
| 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   |
| Information on operating pressure               | Water: max. 0.6 MPa at max. 50 °C   |
| Certification                                   | German Technical Control Board (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                     | unpressurised use up to 90°C  |
| Product weight by length                        | 0.02 kg/m   |
| Pneumatic connection                            | For plug connection outside diameter 6 mm<br>For barbed fitting, inside diameter 4 mm, with union nut<br>For barbed fitting, inside diameter 4 mm |
| Color   | Blue  |
| 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)   |