

# 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 0506 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)                                                                                                                                         |