

# Plastic tubing PUN-V0-6X2-SW-C

Part number: 561698

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                                                                        |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Outside diameter                              | 6 mm                                                                                                                                         |
| Flow-relevant bending radius                  | 24 mm                                                                                                                                        |
| Inside diameter                               | 2 mm                                                                                                                                         |
| Min. bending radius                           | 7 mm                                                                                                                                         |
| Tubing characteristics                        | Suitable for energy chains                                                                                                                   |
| Operating pressure complete temperature range | -0.095 MPa ... 1.6 MPa                                                                                                                       |
| Operating pressure complete temperature range | -0.95 bar ... 16 bar                                                                                                                         |
| Operating pressure complete temperature range | -13.775 psi ... 232 psi                                                                                                                      |
| Temperature-dependent operating pressure      | -0.095 MPa ... 3 MPa                                                                                                                         |
| Temperature-dependent operating pressure      | -0.95 bar ... 30 bar                                                                                                                         |
| Temperature-dependent operating pressure      | -13.775 psi ... 435 psi                                                                                                                      |
| Note on operating pressure                    | For applications with welding 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 |
| Approval                                      | German Technical Control Board (TÜV)                                                                                                         |
| Certificate issuing authority                 | B 013277 0506 00                                                                                                                             |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                                                                        |
| Fire test material                            | UL94 V-0 (3 mm)<br>UL94 V-2 (0.75 mm)                                                                                                        |
| LABS (PWIS) conformity                        | VDMA24364-B2-L                                                                                                                               |
| Ambient temperature                           | -35 °C ... 60 °C                                                                                                                             |
| Note on ambient temperature                   | Unpressurised use up to 90 °C                                                                                                                |
| Product weight according to length            | 0.032 kg/m                                                                                                                                   |
| Pneumatic connection                          | For push-in connector O.D. 6 mm<br>For barbed fitting inside diameter of 2 mm                                                                |
| Colour                                        | Black                                                                                                                                        |
| Note to colour                                | Deviates from the standard colour due to flame protection                                                                                    |
| Shore hardness                                | D 54 +/-3                                                                                                                                    |
| Note on materials                             | RoHS-compliant                                                                                                                               |
| Material tubing                               | TPE-U(PU)                                                                                                                                    |