

# Plastic tubing PAN-V0-6X1-GN

Part number: 525470

FESTO



 General operating condition

## Data sheet

| Feature                                         | Value                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter                                | 8 mm                                                                                     |
| Outside diameter for push in fitting            | 6 mm                                                                                     |
| Bending radius relevant for flow rate           | 30 mm                                                                                    |
| Inside diameter                                 | 4 mm                                                                                     |
| Min. bending radius                             | 13 mm                                                                                    |
| Tubing characteristics                          | Suitable for energy chains                                                               |
| Operating pressure for entire temperature range | -0.095 MPa ... 0.3 MPa                                                                   |
| Operating pressure for entire temperature range | -0.95 bar ... 3 bar                                                                      |
| Operating pressure for entire temperature range | -13.775 psi ... 43.5 psi                                                                 |
| Temperature-dependent operating pressure        | -0.095 MPa ... 1.2 MPa                                                                   |
| Temperature-dependent operating pressure        | -0.95 bar ... 12 bar                                                                     |
| Temperature-dependent operating pressure        | -13.775 psi ... 174 psi                                                                  |
| Information on operating pressure               | Mineral oil: max. 0.3 MPa at max. 90 °C<br>Water: max. 0.3 MPa at max. 90 °C             |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Mineral oil<br>Water (liquid, ice-free) |
| Material fire test                              | UL94 V-0 (casing)                                                                        |
| LABS (PWIS) conformity                          | VDMA24364-B2-L                                                                           |
| Ambient temperature                             | -30 °C ... 90 °C                                                                         |
| Product weight by length                        | 0.049 kg/m                                                                               |
| Pneumatic connection                            | For plug connection outside diameter 6 mm                                                |
| Color                                           | Green                                                                                    |
| Shore hardness                                  | A 72 +/-4<br>D 57 +/-3                                                                   |
| Note on materials                               | RoHS-compliant                                                                           |
| Material of pneumatic tubing                    | PA12-P<br>PVC-P                                                                          |