

# Plastic tubing PAN-V0-8X1-WS

Part number: 525479

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------|
| Outside diameter                              | 10 mm                                                                                |
| Outside diameter for push-in fitting          | 8 mm                                                                                 |
| Flow-relevant bending radius                  | 45 mm                                                                                |
| Inside diameter                               | 6 mm                                                                                 |
| Min. bending radius                           | 24 mm                                                                                |
| Tubing characteristics                        | Suitable for energy chains                                                           |
| Operating pressure complete temperature range | -0.095 MPa ... 0.3 MPa                                                               |
| Operating pressure complete temperature range | -0.95 bar ... 3 bar                                                                  |
| Operating pressure complete 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                                                              |
| Note 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 to ISO 8573-1:2010 [7:-:-]<br>Mineral oil<br>Water (liquid, ice-free) |
| Fire test material                            | UL94 V-0 (casing)                                                                    |
| LABS (PWIS) conformity                        | VDMA24364-B2-L                                                                       |
| Ambient temperature                           | -30 °C ... 90 °C                                                                     |
| Product weight according to length            | 0.065 kg/m                                                                           |
| Pneumatic connection                          | For push-in connector O.D. 8 mm                                                      |
| Colour                                        | White                                                                                |
| Shore hardness                                | A 72 +/-4<br>D 57 +/-3                                                               |
| Note on materials                             | RoHS-compliant                                                                       |
| Material tubing                               | PA12-P<br>PVC-P                                                                      |