

# Plastic tubing PAN-V0-8X1-RT

Part number: 525475

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  | Red  |
| Shore hardness                                | A 72 +/-4<br>D 57 +/-3   |
| Note on materials                             | RoHS-compliant   |
| Material tubing                               | PA12-P<br>PVC-P  |