

# Plastic tubing PEN-16X2,5-RT

Part number: 551479

FESTO



## Data sheet

| Feature                                  | Value                                                                                    |
|------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter                         | 16 mm                                                                                    |
| Flow-relevant bending radius             | 122 mm                                                                                   |
| Inside diameter                          | 10.8 mm                                                                                  |
| Min. bending radius                      | 57.5 mm                                                                                  |
| Tubing characteristics                   | Suitable for energy chains                                                               |
| Temperature-dependent operating pressure | -0.095 MPa...1 MPa<br>-0.95 bar...10 bar<br>-13.775 psi...145 psi                        |
| Note on operating pressure               | Water: max. 0.6 MPa at 0 - 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)                    |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                                           |
| Cleanroom class                          | Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |
| Ambient temperature                      | -30 °C...60 °C                                                                           |
| Product weight according to length       | 0.1029 kg/m                                                                              |
| Pneumatic connection                     | For push-in connector O.D. 16 mm                                                         |
| Colour                                   | Red                                                                                      |
| Shore hardness                           | D 52 +/-3                                                                                |
| Note on materials                        | RoHS-compliant                                                                           |
| Material tubing                          | PE                                                                                       |