

# Plastic tubing PEN-16X2,5-BL-100

Part number: 551449

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Outside diameter  | 16 mm  |
| Bending radius relevant for flow rate                     | 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   |
| Temperature-dependent operating pressure                  | -0.95 bar ... 10 bar   |
| Temperature-dependent operating pressure                  | -13.775 psi ... 145 psi  |
| Information on operating pressure                         | Water: max. 0.6 MPa at 0 - 50 °C   |
| Certification   | TÜV  |
| Certificate issuing authority                             | B 013277 0527 00   |
| Operating medium  | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14 | Statically installed element, no meaningful evaluation possible according to ISO 14644-1 |
| Ambient temperature                                       | -30 °C ... 60 °C   |
| Product weight by length                                  | 0.1029 kg/m  |
| Pneumatic connection                                      | For plug connection outside diameter 16 mm   |
| Color   | Blue   |
| Shore hardness  | D 52 +/-3  |
| Note on materials   | RoHS compliant   |
| Material of pneumatic tubing                              | Protective grounding   |