

# Plastic tubing PEN-6X1-SI

Part number: 551463

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Outside diameter  | 6 mm   |
| Flow-relevant bending radius                              | 26 mm  |
| Inside diameter   | 4 mm   |
| Min. bending radius                                       | 13.5 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  |
| Note on operating pressure                                | Water: max. 0.6 MPa at 0 - 50 °C   |
| Approval  | German Technical Control Board (TÜV)   |
| Certificate issuing authority                             | B 013277 0527 00   |
| Operating medium  | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)  |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14 | Element installed statically, no meaningful evaluation possible according to ISO 14644-1                       |
| Ambient temperature                                       | -30 °C ... 60 °C   |
| Product weight according to length                        | 0.01477 kg/m   |
| Pneumatic connection                                      | For push-in connector O.D. 6 mm<br>For barbed fitting I.D. 4 mm with union nut<br>For barbed fitting I.D. 4 mm |
| Colour  | Silver   |
| Shore hardness  | D 52 +/-3  |
| Note on materials   | RoHS-compliant   |
| Material tubing   | PE   |