

# Plastic tubing PEN-6X1-SI

Part number: 551463

FESTO

standard O.D tubing, for QS plug connectors, CN and CK fittings,  
polyethylene (not approved for use in the food industry).



## Data sheet

| Feature                                  | Value  |
|--|--|
| Outside diameter                         | 6 mm   |
| Bending radius relevant for flow rate    | 26 mm  |
| Inside diameter                          | 4 mm   |
| Min. bending radius                      | 13.5 mm  |
| Tubing characteristics                   | Suitable for energy chains   |
| Temperature-dependent operating pressure | -0.095 ... 1 MPa   |
| Temperature dependent working pressure   | -0.95 ... 10 bar   |
| Temperature-dependent operating pressure | -13.775 ... 145 psi  |
| Note on working pressure                 | Water: max. 0.6 MPa at 0 - 50 °C   |
| Authorization                            | TÜV  |
| Certificate issuing department           | B 013277 0506 00   |
| Operating medium                         | Compressed air in accordance with ISO8573-1:2010 [7::-:]<br>Water (liquid, free of ice)  |
| PWIS conformity                          | VDMA24364-B2-L   |
| Cleanroom class                          | This product is a static object, active particle generation is not possible when used correctly.<br>Clean product before using it in a cleanroom environment and ensure it is installed correctly. |
| Ambient temperature                      | -30 ... 60 °C  |
| Product weight according to length       | 0.01477 kg/m   |
| Pneumatic connection                     | For push-in connector outside diameter 6 mm<br>for barbed connector internal diameter 4 mm with nut<br>for barbed connector internal diameter 4 mm   |
| Color                                    | silver   |
| Shore hardness                           | D 52 +/-3  |
| Materials note                           | Conforms to RoHS   |
| Material tubing                          | PE   |