

# Plastic tubing PUN-H-6X1-SI

Part number: 558279

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Outside diameter                                   | 6 mm   |
| Bending radius relevant for flow rate              | 26 mm  |
| Inside diameter                                    | 4 mm   |
| Min. bending radius                                | 10 mm  |
| Application note                                   | TPE-U Ether based  |
| Tubing characteristics                             | suitability for energy chains  |
| Operating pressure for entire temperature range    | -0.095 MPa ... 0.6 MPa   |
| Operating pressure for entire temperature range    | -0.95 bar ... 6 bar  |
| Operating pressure for entire temperature range    | -13.775 psi ... 87 psi   |
| 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  |
| Certification                                      | German Technical Control Board (TÜV)   |
| Certificate issuing authority                      | B 013277 0506 00   |
| Operating medium                                   | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water as per manufacturer's declaration at <a href="http://www.festo.com">www.festo.com</a>   |
| Material fire test                                 | UL94 HB  |
| LABS (PWIS) conformity                             | VDMA24364-B2-L   |
| Suitability for the production of Li-ion batteries | Metals with more than 1% copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class                                    | Statically installed element, no meaningful evaluation possible according to ISO 14644-1   |
| For use in the food industry                       | See supplementary material information   |
| Ambient temperature                                | -35 °C ... 60 °C   |
| Product weight by length                           | 0.0183 kg/m  |
| Pneumatic connection                               | For plug connection outside diameter 6 mm<br>For barbed fitting, inside diameter 4 mm, with union nut  |
| Color  | Silver   |
| Shore hardness                                     | D 52 +/-3  |
| Note on materials                                  | RoHS-compliant   |
| Material of pneumatic tubing                       | TPE-U(PU)  |