

# Plastic tubing PUN-H-3X0,5-SI-500

Part number: 558270

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Outside diameter  | 3 mm   |
| Flow-relevant bending radius                              | 12 mm  |
| Inside diameter   | 2.1 mm   |
| Min. bending radius                                       | 6 mm   |
| Instructions on use                                       | TPE-U, ether-based   |
| Tubing characteristics                                    | Suitable for energy chains   |
| Operating pressure complete temperature range             | -0.095 MPa ... 0.6 MPa   |
| Operating pressure complete temperature range             | -0.95 bar ... 6 bar  |
| Operating pressure complete 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  |
| Note on operating pressure                                | Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0–60 °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)                    |
| Fire test material  | UL94 HB  |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L   |
| Suitability for the production of Li-ion batteries        | Suitable for battery production with reduced Cu/Zn/Ni values (F1a)                       |
| Cleanroom suitability, measured according to ISO 14644-14 | Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |
| Suitable for use with food                                | See supplementary material information   |
| Ambient temperature                                       | -35 °C ... 60 °C   |
| Product weight according to length                        | 0.0042 kg/m  |
| Pneumatic connection                                      | For push-in connector outside diameter of 3 mm   |
| Colour  | Silver   |
| Shore hardness  | D 52 +/- 3   |
| Note on materials   | RoHS compliant   |
| Material tubing   | TPE-U(PU)  |