

# Plastic tubing PUN-H-10X1,5-SW-300

Part number: 558253

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter                                          | 10 mm                                                                                    |
| Bending radius relevant for flow rate                     | 52 mm                                                                                    |
| Inside diameter                                           | 7 mm                                                                                     |
| Min. bending radius                                       | 28 mm                                                                                    |
| Application note                                          | TPE-U, ether-based                                                                       |
| Tubing characteristics                                    | Suitable for energy chains                                                               |
| Operating pressure for entire temperature range           | -0.095 MPa...0.6 MPa<br>-0.95 bar...6 bar<br>-13.775 psi...87 psi                        |
| Temperature-dependent operating pressure                  | -0.095 MPa...1 MPa<br>-0.95 bar...10 bar<br>-13.775 psi...145 psi                        |
| Information on operating pressure                         | Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °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)                |
| Material fire test                                        | 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 | 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                                  | 0.0465 kg/m                                                                              |
| Pneumatic connection                                      | For plug connection outside diameter 10 mm                                               |
| Color                                                     | Black                                                                                    |
| Shore hardness                                            | D 52 +/-3                                                                                |
| Note on materials                                         | RoHS compliant                                                                           |
| Material of pneumatic tubing                              | TPE-U(PU)                                                                                |