

# Plastic tubing PUN-H-8X1,25-BL

Part number: 197385

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                                                                                           |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Outside diameter                                          | 8 mm                                                                                                                                            |
| Flow-relevant bending radius                              | 37 mm                                                                                                                                           |
| Inside diameter                                           | 5.7 mm                                                                                                                                          |
| Min. bending radius                                       | 21 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<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                                                                               |
| 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                        | 0.0287 kg/m                                                                                                                                     |
| Pneumatic connection                                      | For push-in connector O.D. 8 mm<br>For push-in connector outside diameter of 5/16"<br>For barbed fitting inside diameter of 6 mm with union nut |
| Colour                                                    | Blue                                                                                                                                            |
| Shore hardness                                            | D 52 +/-3                                                                                                                                       |
| Note on materials                                         | RoHS compliant                                                                                                                                  |
| Material tubing                                           | TPE-U(PU)                                                                                                                                       |