

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

Part number: 558280

FESTO



 General operating condition

## 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  |
| 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                        | 0.0287 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  | Silver  |
| Shore hardness  | D 52 +/-3   |
| Note on materials   | RoHS compliant  |
| Material tubing   | TPE-U(PU)   |