

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

Part number: 558301

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Outside diameter                                   | 8 mm   |
| Bending radius relevant for flow rate              | 37 mm  |
| Inside diameter                                    | 5.7 mm   |
| Min. bending radius                                | 21 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                                      | 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 (liquid, ice-free)   |
| 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                           | 0.0287 kg/m  |
| Pneumatic connection                               | For plug connection outside diameter 8 mm<br>For barbed fitting, inside diameter 6 mm, with union nut  |
| Color  | Yellow   |
| Shore hardness                                     | D 52 +/-3  |
| Note on materials                                  | RoHS-compliant   |

| Feature                      | Value     |
|------------------------------|-----------|
| Material of pneumatic tubing | TPE-U(PU) |