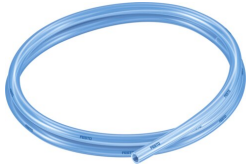


# Plastic tubing PUN-H-8X1,25-TBL

Part number: 8048691

FESTO



 General operating condition

## 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  |
| Operating pressure for entire temperature range           | -0.95 bar ... 6 bar   |
| Operating pressure for entire 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   |
| 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 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                                  | 0.0287 kg/m   |
| Pneumatic connection                                      | For plug connection outside diameter 8 mm<br>For plug connection outside diameter 5/16"<br>For barbed fitting, inside diameter 6 mm, with union nut |
| Color   | translucent blue  |
| Shore hardness  | D 52 +/-3   |
| Note on materials   | RoHS-compliant  |
| Material of pneumatic tubing                              | TPE-U(PU)   |