

# Plastic tubing PUN-H-SF-8X1,55-BL

Part number: 8167902

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Outside diameter  | 8 mm   |
| Bending radius relevant for flow rate                     | 31 mm  |
| Inside diameter   | 4.9 mm   |
| Min. bending radius                                       | 15 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 ... 1.3 MPa   |
| Temperature-dependent operating pressure                  | -0.95 bar ... 13 bar   |
| Temperature-dependent operating pressure                  | -13.775 psi ... 188.5 psi  |
| Information on operating pressure                         | Water: temperature-dependent operating pressure, see diagram, max. 0.7 MPa at 0 - 60 °C  |
| 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   |
| 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 ... 80 °C   |
| Product weight by length                                  | 0.04 kg/m  |
| Pneumatic connection                                      | For plug connection outside diameter 8 mm  |
| Color   | Blue   |
| Shore hardness  | D 54 +/-3  |
| Note on materials   | RoHS-compliant   |
| Material of pneumatic tubing                              | TPE-U(PU)  |