

**Plastic tubing**  
**PUN-H-SF-8X1,55-SW**  
Part number: 8167901

**FESTO**



**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<br>-0.95 bar...6 bar<br>-13.775 psi...87 psi                        |
| Temperature-dependent operating pressure                  | -0.095 MPa...1.3 MPa<br>-0.95 bar...13 bar<br>-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                                                     | Black                                                                                    |
| Shore hardness                                            | D 54 +/-3                                                                                |
| Note on materials                                         | RoHS compliant                                                                           |
| Material of pneumatic tubing                              | TPE-U(PU)                                                                                |