

# Plastic tubing PUN-H-4X0,75-TSW-500

Part number: 8048674

FESTO



 General operating condition

## Data sheet

| Feature                                                   | Value                                                                                                                             |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Outside diameter                                          | 4 mm                                                                                                                              |
| Flow-relevant bending radius                              | 16 mm                                                                                                                             |
| Inside diameter                                           | 2.6 mm                                                                                                                            |
| Min. bending radius                                       | 8 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                        | 0.0085 kg/m                                                                                                                       |
| Pneumatic connection                                      | For push-in connector O.D. 4 mm<br>For push-in connector outside diameter of 5/32"<br>For barbed fitting I.D. 3 mm with union nut |
| Colour                                                    | Translucent black                                                                                                                 |
| Shore hardness                                            | D 52 +/-3                                                                                                                         |
| Note on materials                                         | RoHS compliant                                                                                                                    |
| Material tubing                                           | TPE-U(PU)                                                                                                                         |