

# Plastic tubing PUN-H-F-12X2-BL

Part number: 8153410

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter                              | 12 mm                                                                                    |
| Flow-relevant bending radius                  | 62 mm                                                                                    |
| Inside diameter                               | 8 mm                                                                                     |
| Min. bending radius                           | 33 mm                                                                                    |
| Instructions on use                           | Tubing without printing<br>TPE-U Ether based                                             |
| Symbol                                        | 00997424                                                                                 |
| 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  |
| 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                                                                           |
| Cleanroom class                               | Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |
| Suitable for use with food                    | See declaration of conformity                                                            |
| Ambient temperature                           | -35 °C ... 60 °C                                                                         |
| Product weight according to length            | 0.0723 kg/m                                                                              |
| Pneumatic connection                          | For push-in connector outside diameter of 12 mm                                          |
| Colour                                        | Blue                                                                                     |
| Shore hardness                                | D 52 +/-3                                                                                |
| Note on materials                             | RoHS-compliant                                                                           |
| Material tubing                               | TPE-U(PU)                                                                                |