

# Plastic tubing PUN-16X2,5-SW-100

Part number: 553942

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value                                                                                                                                                                                  |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outside diameter                              | 16 mm                                                                                                                                                                                  |
| Flow-relevant bending radius                  | 88 mm                                                                                                                                                                                  |
| Inside diameter                               | 11 mm                                                                                                                                                                                  |
| Min. bending radius                           | 45 mm                                                                                                                                                                                  |
| Instructions on use                           | TPE-U Ester based<br>The plastic tubing can only be installed in contact with cables if the sheathing is free of phosphoric acid esters. Otherwise the plastic tubing may get damaged. |
| Tubing characteristics                        | Suitable for energy chains                                                                                                                                                             |
| Operating pressure complete temperature range | -0.095 MPa ... 0.7 MPa                                                                                                                                                                 |
| Operating pressure complete temperature range | -0.95 bar ... 7 bar                                                                                                                                                                    |
| Operating pressure complete temperature range | -13.775 psi ... 101.5 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                                                                                                                                                                |
| Approval                                      | German Technical Control Board (TÜV)                                                                                                                                                   |
| Certificate issuing authority                 | B 013277 0506 00                                                                                                                                                                       |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-]                                                                                                                                              |
| Fire test material                            | UL94 HB                                                                                                                                                                                |
| LABS (PWIS) conformity                        | VDMA24364-B2-L                                                                                                                                                                         |
| Ambient temperature                           | -35 °C ... 60 °C                                                                                                                                                                       |
| Product weight according to length            | 0.1294 kg/m                                                                                                                                                                            |
| Pneumatic connection                          | For push-in connector O.D. 16 mm                                                                                                                                                       |
| Colour                                        | Black                                                                                                                                                                                  |
| Shore hardness                                | D 52 +/- 3                                                                                                                                                                             |
| Note on materials                             | RoHS-compliant                                                                                                                                                                         |
| Material tubing                               | TPE-U(PU)                                                                                                                                                                              |