

# Plastic tubing PUN-8X1,25-BL

Part number: 159666

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value  |
|---|--|
| Outside diameter                              | 8 mm   |
| Flow-relevant bending radius                  | 37 mm  |
| Inside diameter                               | 5.7 mm   |
| Min. bending radius                           | 24 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 from phosphoric acid esters. Otherwise the plastic tubing can 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 0527 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            | 0.0302 kg/m  |
| Pneumatic connection                          | For push-in connector O.D. 8 mm<br>For barbed fitting inside diameter of 6 mm with union nut<br>For barbed fitting inside diameter of 6 mm   |
| Colour  | Blue   |
| Shore hardness                                | D 52 +/-3  |
| Note on materials                             | RoHS-compliant   |
| Material tubing                               | TPE-U (PU)   |