

# Plastic tubing PUN-3X0,5-BL-500

Part number: 525745

FESTO



 General operating condition

## Data sheet

| Feature                                       | Value   |
|---|---|
| Outside diameter                              | 3 mm  |
| Flow-relevant bending radius                  | 12 mm   |
| Inside diameter                               | 2.1 mm  |
| Min. bending radius                           | 9 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            | 0.0044 kg/m   |
| Pneumatic connection                          | For push-in connector outside diameter of 3 mm<br>For barbed fitting inside diameter of 2 mm  |
| Colour  | Blue  |
| Shore hardness                                | D 52 +/-3   |
| Note on materials                             | RoHS compliant  |
| Material tubing                               | TPE-U(PU)   |