

# Plastic tubing PAN-6X1-NT

Part number: 546285

FESTO



 General operating condition

## Data sheet

| Feature                                  | Value                                                                                                          |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Outside diameter                         | 6 mm                                                                                                           |
| Flow-relevant bending radius             | 32 mm                                                                                                          |
| Inside diameter                          | 4 mm                                                                                                           |
| Min. bending radius                      | 14 mm                                                                                                          |
| Tubing characteristics                   | Suitable for energy chains                                                                                     |
| Temperature-dependent operating pressure | -0.095 MPa ... 1.9 MPa                                                                                         |
| Temperature-dependent operating pressure | -0.95 bar ... 19 bar                                                                                           |
| Temperature-dependent operating pressure | -13.775 psi ... 275.5 psi                                                                                      |
| Approval                                 | German Technical Control Board (TÜV)                                                                           |
| Maritime classification                  | See certificate                                                                                                |
| Certificate issuing authority            | B 013277 0506 00                                                                                               |
| Operating medium                         | Compressed air to ISO 8573-1:2010 [7:-:-]                                                                      |
| LABS (PWIS) conformity                   | VDMA24364-B2-L                                                                                                 |
| Ambient temperature                      | -30 °C ... 80 °C                                                                                               |
| Product weight according to length       | 0.016 kg/m                                                                                                     |
| Pneumatic connection                     | For push-in connector O.D. 6 mm<br>For barbed fitting I.D. 4 mm with union nut<br>For barbed fitting I.D. 4 mm |
| Colour                                   | Natural                                                                                                        |
| Shore hardness                           | D 55 +/-3                                                                                                      |
| Note on materials                        | RoHS-compliant                                                                                                 |
| Material tubing                          | TPE-A                                                                                                          |