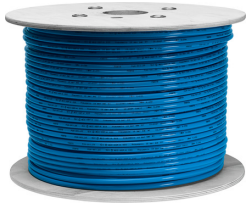


# Plastic tubing PEN-12X1,75-BL-200

Part number: 551448

FESTO



 [General operating condition](#)

## Data sheet

| Feature                                  | Value  |
|--|--|
| Outside diameter                         | 12 mm  |
| Bending radius relevant for flow rate    | 58 mm  |
| Inside diameter                          | 8.4 mm   |
| Min. bending radius                      | 33 mm  |
| Tubing characteristics                   | Suitable for energy chains   |
| 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  |
| Information on operating pressure        | Water: max. 0.6 MPa at 0 - 50 °C   |
| Certification                            | German Technical Control Board (TÜV)   |
| Certificate issuing authority            | B 013277 0506 00   |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| Cleanroom class                          | Statically installed element, no meaningful evaluation possible according to ISO 14644-1 |
| Ambient temperature                      | -30 °C ... 60 °C   |
| Product weight by length                 | 0.05423 kg/m   |
| Pneumatic connection                     | For plug connection outside diameter 12 mm   |
| Color                                    | Blue   |
| Shore hardness                           | D 52 +/-3  |
| Note on materials                        | RoHS-compliant   |
| Material of pneumatic tubing             | PE   |