

# Plastic tubing PEN-12X1,75-GE

Part number: 551484

FESTO



## Data sheet

| Feature                                                   | Value                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter                                          | 12 mm                                                                                    |
| Flow-relevant bending radius                              | 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<br>-0.95 bar...10 bar<br>-13.775 psi...145 psi                        |
| Note on operating pressure                                | Water: max. 0.6 MPa at 0 - 50 °C                                                         |
| Approval                                                  | German Technical Control Board (TÜV)                                                     |
| Certificate issuing authority                             | B 013277 0527 00                                                                         |
| Operating medium                                          | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                    |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L                                                                           |
| Cleanroom suitability, measured according to ISO 14644-14 | Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |
| Ambient temperature                                       | -30 °C...60 °C                                                                           |
| Product weight according to length                        | 0.05423 kg/m                                                                             |
| Pneumatic connection                                      | For push-in connector outside diameter of 12 mm                                          |
| Colour                                                    | Yellow                                                                                   |
| Shore hardness                                            | D 52 +/-3                                                                                |
| Note on materials                                         | RoHS-compliant                                                                           |
| Material tubing                                           | PE                                                                                       |