

# Plastic tubing PEN-8X1,25-SW-400

Part number: 551440

**FESTO**



## Data sheet

| Feature                                  | Value   |
|--|---|
| Pneumatic tubing test conditions         | Suitability for energy chains: >5 million cycles as per FN 942021   |
| Tubing characteristics                   | Suitable for energy chains in applications with high cycle rates  |
| Outside diameter                         | 8 mm  |
| Bending radius relevant for flow rate    | 35 mm   |
| Inside diameter                          | 5.7 mm  |
| Min. bending radius                      | 22.5 mm   |
| Type code                                | PEN   |
| Temperature-dependent operating pressure | -0.95 bar ... 10 bar  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water as per manufacturer's declaration at <a href="http://www.festo.com">www.festo.com</a>      |
| Ambient temperature                      | -30 °C ... 60 °C  |
| Certification                            | German Technical Control Board (TÜV)  |
| Product weight by length                 | 0.02327 kg/m  |
| Pneumatic connection                     | For plug connection outside diameter 8 mm<br>For barbed fitting, inside diameter 6 mm, with union nut<br>For barbed fitting, inside diameter 6 mm |
| Color                                    | Black   |
| Shore hardness                           | D 52 +/-3   |
| Note on materials                        | Free of copper and PTFE<br>RoHS-compliant   |
| Material of pneumatic tubing             | PE  |