

# Plastic tubing

## PEN-1/2-SW-150-CB

Part number: 569886

FESTO



## Data sheet

| Feature                                       | Value                                                                                    |
|-----------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter inch                         | 1/2                                                                                      |
| Flow-relevant bending radius                  | 0.196 Feet                                                                               |
| Min. bending radius                           | 0.108 Feet                                                                               |
| Tubing characteristics                        | Suitable for energy chains                                                               |
| Operating pressure complete temperature range | -0.095 MPa...0.4 MPa<br>-0.95 bar...4 bar<br>-13.775 psi...58 psi                        |
| 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                                                         |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                    |
| LABS (PWIS) conformity                        | VDMA24364-B2-L                                                                           |
| Cleanroom class                               | Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |
| Ambient temperature                           | -22 °F...140 °F                                                                          |
| Product weight according to length            | 9.12 oz/ft                                                                               |
| Pneumatic connection                          | For push-in connector O.D 1/2"                                                           |
| Colour                                        | Black                                                                                    |
| Shore hardness                                | D 52 +/-3                                                                                |
| Note on materials                             | RoHS-compliant                                                                           |
| Material tubing                               | PE                                                                                       |