

# Plastic tubing PFAN-12X1,75-NT

Part number: 197065

FESTO



## Data sheet

| Feature                                         | Value                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------------|
| Outside diameter                                | 12 mm                                                                                    |
| Bending radius relevant for flow rate           | 165 mm                                                                                   |
| Inside diameter                                 | 8.4 mm                                                                                   |
| Min. bending radius                             | 29 mm                                                                                    |
| Application note                                | Tubing without printing                                                                  |
| Operating pressure for entire temperature range | -0.095 MPa...0.7 MPa<br>-0.95 bar...7 bar<br>-13.775 psi...101.5 psi                     |
| Temperature-dependent operating pressure        | -0.095 MPa...1.6 MPa<br>-0.95 bar...16 bar<br>-13.775 psi...232 psi                      |
| Information on operating pressure               | Water: max. 0.6 MPa at 0 - 85 °C<br>Water vapor: 0 - 0.15 MPa, 0 - 1.5 bar, 0 - 22 psi   |
| Operating medium                                | Compressed air as per ISO 8573-1:2010 [7:::]<br>Water (liquid, ice-free)<br>Water vapor  |
| Material fire test                              | UL94 V-0                                                                                 |
| LABS (PWIS) conformity                          | VDMA24364-B2-L                                                                           |
| Cleanroom class                                 | Statically installed element, no meaningful evaluation possible according to ISO 14644-1 |
| For use in the food industry                    | See supplementary material information<br>See declaration of conformity                  |
| Note on temperature of medium                   | Water vapor: max. 120 °C                                                                 |
| Ambient temperature                             | -20 °C...150 °C                                                                          |
| Product weight by length                        | 0.125 kg/m                                                                               |
| Pneumatic connection                            | For plug connection outside diameter 12 mm                                               |
| Color                                           | Natural                                                                                  |
| Shore hardness                                  | D 60 +5                                                                                  |
| Note on materials                               | RoHS-compliant                                                                           |
| Material of pneumatic tubing                    | PFA                                                                                      |