# Plastic tubing
# PEN-8X1,25-NT

Part number: 543248

General operating condition

## Data sheet

| Feature | Value |
|---|---|
| Outside diameter | 8 mm |
| Flow-relevant bending radius | 35 mm |
| Inside diameter | 5.7 mm |
| Min. bending radius | 22.5 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 |
| 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 | 0.02327 kg/m |
| Pneumatic connection | For push-in connector O.D. 8 mm<br>For push-in connector outside diameter of 5/16"<br>For barbed fitting inside diameter of 6 mm with union nut<br>For barbed fitting inside diameter of 6 mm |
| Colour | Natural |
| Shore hardness | D 52 +/-3 |
| Note on materials | RoHS compliant |
| Material tubing | Packaging unit |