

**Plastic tubing**  
**PUN-H-1/2-TBL-150-CB**  
 Part number: 8203980

**FESTO**



**Data sheet**

| Feature                                                   | Value                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------|
| External-Ø inches                                         | 1/2                                                                                      |
| Bending radius relevant for flow rate                     | 0.204 Feet                                                                               |
| Min. bending radius                                       | 0.075 Feet                                                                               |
| Application note                                          | TPE-U, ether-based                                                                       |
| Tubing characteristics                                    | Suitable for energy chains                                                               |
| Temperature-dependent operating pressure                  | -14.4 psi...145 psi                                                                      |
| Information on operating pressure                         | Water: temperature-dependent operating pressure, see diagram, max. 0.3 MPa at 0 - 60 °C  |
| Operating medium                                          | Compressed air as per ISO 8573-1:2010 [7:-:-]<br>Water (liquid, ice-free)                |
| Material fire test                                        | UL94 HB                                                                                  |
| LABS (PWIS) conformity                                    | VDMA24364-B2-L                                                                           |
| Suitability for the production of Li-ion batteries        | Suitable for battery production with reduced Cu/Zn/Ni values (F1a)                       |
| Cleanroom suitability, measured according to ISO 14644-14 | Statically installed element, no meaningful evaluation possible according to ISO 14644-1 |
| For use in the food industry                              | See supplementary material information                                                   |
| Ambient temperature                                       | -31 °F...145 °F                                                                          |
| Product weight by length                                  | 9.46 oz/ft                                                                               |
| Pneumatic connection                                      | For plug connection outside diameter 1/2"                                                |
| Color                                                     | translucent blue                                                                         |
| Shore hardness                                            | D 52 +/-3                                                                                |
| Note on materials                                         | RoHS compliant                                                                           |
| Material of pneumatic tubing                              | TPE-U(PU)                                                                                |