



## Master-Tube PUR 98A Food

The first food-approved PU hose of this type in Europe



food approved



spiral-free



metal-free

### Product Details

#### Construction / Material

- Type of construction: axially extruded tubing without seams or welds
- Execution of the wall: made of highly abrasion-resistant material
- Specifications of the wall: complies with the requirements of the German Food and Feed Code (LFGB) / approved for direct food contact of categories A, B, C, D1, D2, E, according to EU Directive 1935/2004, 10/2011 and its latest amending Directives / material complies with food regulations FDA 21 CFR § 177.2600 - 21 CFR § 178.2010

#### Properties

- Chemical Properties: good UV resistance / hydrolysis resistant / microbe-resistant / plasticiser-free
- Mechanical Properties: kink-resistant / elastic behaviour under mechanical stress
- Physical Properties: flexible at low temperatures
- Colour: blue / grey / nature / red / black / blue transparent / black transparent / red transparent / grey transparent / orange / orange transparent / yellow / yellow transparent / green transparent / green transparent

#### Operating Temperature

- Temperature Range: -40 to 85 °C

#### Delivery Information

- Delivery, type of production: inner diameter: 2.0 - 11.0 mm / outer diameter: 4.0 - 16.0 mm

## Application Areas

- Areas of application: Food & Pharma

## Customizing Options

- optional item modification (on request): multiple hose / spiral version / shaped hose / rolls / cut-to-size sections

## Article Variants

| Nominal Size (DN)<br>mm | Outer diameter<br>mm | Bending radius*<br>mm | Operating pressure<br>bar | Inner diameter<br>mm | Wall thickness<br>mm | Tolerance inner & outer diameter<br>mm | Weight<br>g/m |
|-------------------------|----------------------|-----------------------|---------------------------|----------------------|----------------------|----------------------------------------|---------------|
| 2                       | 4                    | 20                    | 15.00                     | 2                    | 1                    | ± 0.10                                 | 9.8           |
| 3                       | 5                    | 25                    | 11.00                     | 3                    | 1                    | ± 0.10                                 | 13.1          |
| 4                       | 6                    | 30                    | 9.00                      | 4                    | 1                    | ± 0.10                                 | 16.3          |
| 5                       | 8                    | 40                    | 10.00                     | 5                    | 1,5                  | ± 0.10                                 | 31.9          |
| 5,5                     | 8                    | 40                    | 8.00                      | 5,5                  | 1,25                 | ± 0.10                                 | 27.6          |
| 6                       | 8                    | 40                    | 6.00                      | 6                    | 1                    | ± 0.10                                 | 22.9          |
| 6                       | 10                   | 50                    | 11.00                     | 6                    | 2                    | ± 0.10                                 | 29.4          |
| 7                       | 10                   | 50                    | 8.00                      | 7                    | 1,5                  | ± 0.10                                 | 41.7          |
| 8                       | 12                   | 60                    | 9.00                      | 8                    | 2                    | ± 0.15                                 | 65.3          |
| 9                       | 12                   | 60                    | 6.00                      | 9                    | 1,5                  | ± 0.20                                 | 51.5          |
| 11                      | 16                   | 60                    | 8.00                      | 11                   | 2,5                  | ± 0.20                                 | 91.5          |

All data refer to a medium and ambient temperature of 23°C

\* Smallest bending radius, related to the inside of the hose bend.

Operating pressure is given with a 3-fold safety factor and applies to the medium air, calculated values are marked with \*.

## Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

## Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

### Individual consultation

We offer consultation by phone:  
+49 209 97077-112

Product requests via  
[masterflex.de/en](http://masterflex.de/en)

### Address Headquarters

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