

## Master-Tube PUR 98A Food

### Approved according to Regulation (EU) No. 10/2011

Novoplast Schlauchtechnik is the first supplier in Europe to offer a **food-approved polyurethane tube** of this type. Not only because of its approval the **Master-Tube PUR 98A Food** is particularly suitable for the food and pharmaceutical industries, but also because of its outstanding properties.

Thanks to its **high abrasion resistance, flexibility and temperature resistance**, it is particularly suitable for use in food technology, food machine construction and the production of pharmaceuticals.

#### Applications

- Agricultural Engineering
- Energy Supply
- Food Technology
- Pneumatic Systems
- Pharmaceutical Production
- Robotics
- Control Air
- Feeder technology

#### Areas of Application

- Agriculture
- Chemicals
- Food and Beverage
- Mechanical Engineering
- Robotics and Automation
- Transport

#### Propertise

- Approved and confirmed by an independent testing institute in accordance with Regulation (EU) No. 10/2011 as well as the consumer goods regulation in the version of 15.02.2016
- Complies with Regulation (EU) No. 1935/2004 and the Food and Feed Code (LFGB)
- Materials comply with the following food regulations:
  - FDA 21 CFR §177.2600
- Approved for food simulant: A, B, C, D1, D2, E (contact time/temp. and suitability according to declaration of conformity)
- Manufacturing process according to GMP EC 2023/2006
- Abrasion resistant
- Elastic
- Hydrolysis- and microbe-resistant
- Flexible at low temperatures
- Kink-resistant
- Push-In-Connection suitable
- Temperature resistant
- UV resistant
- Plasticizer-free

### Delivery options

- Dimensions:
  - Inner diameter: 2 - 11 mm
  - Outer diameter: 4 - 16 mm
- Colours:
  - Nature

### Temperature Range

- -40 °C to +85 °C  
(Data refer to the technical temperature range.)

### Possible presentation as:

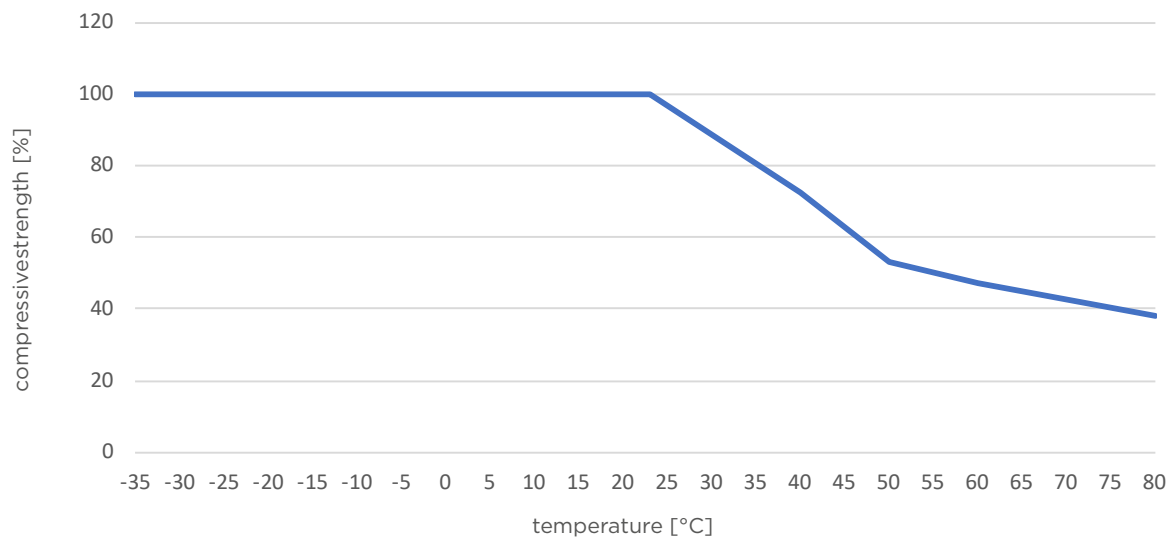
- Rolls
- Sections

| ID<br>(mm) | WT<br>(mm) | OD<br>(mm) | Tolerance<br>ID & OD<br>(mm) | Weight<br>(g/m) | max.<br>operating pressure<br>(bar) | smallest bending<br>radius<br>(mm) |
|------------|------------|------------|------------------------------|-----------------|-------------------------------------|------------------------------------|
| 2          | 1          | 4          | ± 0,10                       | 9,8             | 15                                  | 20                                 |
| 3          | 1          | 5          | ± 0,10                       | 13,1            | 11                                  | 25                                 |
| 4          | 1          | 6          | ± 0,10                       | 16,3            | 9                                   | 30                                 |
| 5          | 1,5        | 8          | ± 0,10                       | 31,9            | 10                                  | 40                                 |
| 5,5        | 1,25       | 8          | ± 0,10                       | 27,6            | 8                                   | 40                                 |
| 6          | 1          | 8          | ± 0,10                       | 22,9            | 6                                   | 40                                 |
| 6          | 2          | 10         | ± 0,10                       | 29,4            | 11                                  | 50                                 |
| 7          | 1,5        | 10         | ± 0,10                       | 41,7            | 8                                   | 50                                 |
| 8          | 2          | 12         | ± 0,15                       | 65,3            | 9                                   | 60                                 |
| 9          | 1,5        | 12         | ± 0,20                       | 51,5            | 6                                   | 60                                 |
| 11         | 2,5        | 16         | ± 0,20                       | 91,5            | 8                                   | 60                                 |

All data refer to a medium and ambient temperature of +23°C.  
ID: inner diameter, WT: Wall thickness, OD: outer diameter  
Operating pressure data with 3-fold safety factor and apply to air as the medium of application.

## Pressure diagram for Master-Tube PUR 98A Food

Degree of utilisation of permissible compressive strength (%) as a function of temperature (°C)  
Specifications are valid for air as the medium of application.



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SCHLAUCHTECHNIK

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