

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

Properties

- 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 food simulant and contact times/temperature 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
- Burning behaviour according to UL94 class HB

Master-Tube PUR 98A Food

Delivery options

- Dimensions:
Inner-Ø: 2 - 11 mm, Outer-Ø: 4 - 16 mm
- Colours:
 - Nature
 - Black, black-transparent
 - Red, red-transparent
 - Blue, blue-transparent
 - Orange, orange-transparent
 - Yellow, yellow-transparent
 - Green, green-transparent
 - Grey, grey-transparent

Temperature Range

- -40 °C to +85 °C (data refer to the technical temperature range)
- up to +125 °C for short periods in unpressurised applications without mechanical and/or chemical stress

Possible presentation as:

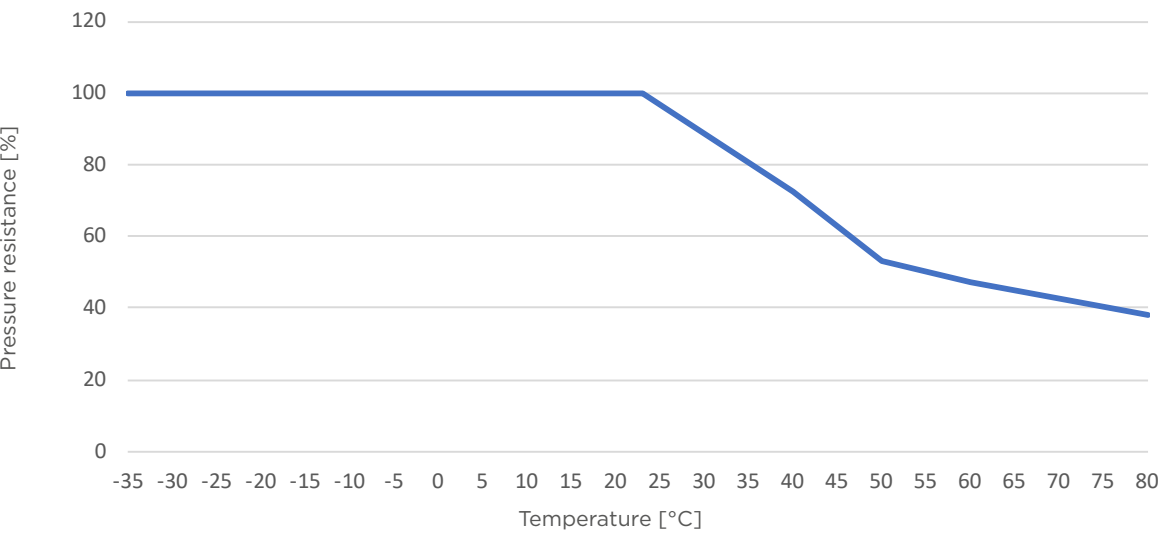
- Rolls
- Sections

ID (mm)	WT (mm)	OD (mm)	Tolerance ID & OD (mm)	Weight (g/m)	max. operating pressure (bar)	smallest bending radius (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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