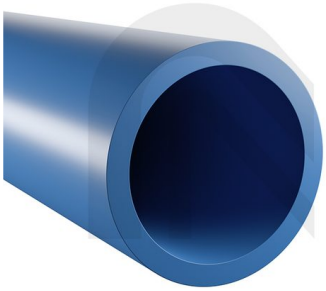

Master-Tube PUR 98A Food

PU media tubing for industrial food and pharmaceutical applications, food-grade compliant with EU10/2011 and FDA

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) in mm	Inner diameter in mm	Outer diameter in mm	Bending radius* in mm	Weigth in g/m	Operating pressure in bar	Length (standard lengths available for order) in m	Wall thickness in mm	Tolerance inner & outer diameter in mm
2	2	4	20	9.8	15.00		1	± 0.10
3	3	5	25	13.1	11.00		1	± 0.10
4	4	6	30	16.3	9.00		1	± 0.10
5	5	8	40	31.9	10.00		1,5	± 0.10
5,5	5,5	8	40	27.6	8.00		1,25	± 0.10
6	6	8	40	22.9	6.00		1	± 0.10
6	6	10	50	29.4	11.00		2	± 0.10
7	7	10	50	41.7	8.00		1,5	± 0.10
8	8	12	60	65.3	9.00		2	± 0.15
9	9	12	60	51.5	6.00		1,5	± 0.20
11	11	16	60	91.5	8.00		2,5	± 0.20

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)).

Suitable for the product

Stainless steel connectors for smooth-walled hoses
Available as a straight screw-in fitting, T-fitting, T-screw-in fitting or angled screw-in fitting for the quick fitting and removal of compressed air hoses made from PE, PA and PU.

Individual consultation

We offer consultation by phone: **+46 300 1717 0**
Product requests via: **https://www.masterflex.se/**

Headquarters for your sales area

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