



Master-Tube PUR 98A

PU tubing for industrial and pneumatic applications, temperature- and UV-resistant, abrasion-resistant, halogen-free

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, extruded

Properties

- Chemical Properties: good resistance to oil, good UV resistance, halogen-free, plasticiser-free, free from paint wetting impairment substances (LABS)
- Mechanical Properties: kink-resistant, elastic behaviour under mechanical stress, high resistance to stress corrosion cracking, high mechanical strength and impact resistance
- Physical Properties: flexible at low temperatures, good dielectric properties, good damping behaviour

Operating Temperature

- Temperature Range: -40to 85°C

Delivery Information

- Delivery, type of production: inner diameter: 1.0 - 33.0 mm, outer diameter: 1.5 - 40.0 mm

Application Areas

- Areas of application: Agriculture, Automotive, Plant & Mechanical Engineering, Robotics & Automation, Industry, Semiconductor Industry, aviation technology, Bulk & Construction, Sea & Rail transport, Wood,

Chemistry, Surface Technology, Waste Disposal & Cleaning Technology, Plastics, Conveying, lifting & feeding technology, White Goods, Textile, Printing & Paper, Vehicle Construction, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other colours, 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	Wall thickness in mm	Tolerance inner & outer diameter in mm
2.0	2.0	4	20	11	20	1.00	± 0.10
2.7	2.7	4	20	9	11	0.65	± 0.10
3.0	3.0	5	25	15	15	1.00	± 0.10
4.0	4.0	6	30	19	12	1.00	± 0.10
5.0	5.0	8	40	37	13	1.50	± 0.10
5.5	5.5	8	40	32	11	1.25	± 0.10
5.7	5.7	8	40	30	10	1.15	± 0.10
6.0	6.0	8	40	27	8	1.00	± 0.10
6.5	6.5	10	50	55	12	1.75	± 0.10
7.0	7.0	10	50	49	10	1.50	± 0.10
8.0	8.0	10	50	34	6	1.00	± 0.10
8.0	8.0	12	60	77	12	2.00	± 0.15
9.0	9.0	12	60	60	8	1.50	± 0.15
11.0	11.0	16	80	129	11	2.50	± 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)).



Individual consultation

We offer consultation by phone: **+49 209 97077 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

Masterflex SE

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