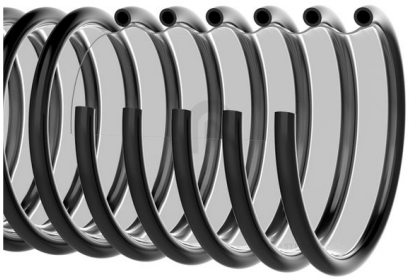

Master-PUR STEP MHR

Article Master No.: 000400

PU Film Hose, crush-resistant, microbe & hydrolysis-resistant

microbe resistant | transparent | crush-proof | very flexible | light | moderately pressure resistant

Product Details

Construction / Material

- Type of construction: film hose with attached support coil
- Material of the helix: polyurethane
- Execution of the wall: made of pure material, wall thickness between the spirals approx. 0.6 mm
- Material of the wall: polyether polyurethane
- Design of the profile coil: made of plastic
- Design of the stranded wire: made of metal

Properties

- Chemical Properties: halogen-free, microbe-resistant, good resistance to chemicals, good UV resistance, good resistance to petrol, good resistance to oil, good ozone resistance, free of heavy metals, hydrolysis resistant
- Flexibility: very flexible
- Physical Properties: cold-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: tube wall transparent with black spiral

Operating Temperature

- Temperature Range: -40 to 90 °C
- short-term maximum temperature: peaks to 125 °C

Delivery Information

- Delivery, type of production: various nominal diameters in standard lengths are available ex-production, individual nominal diameters and lengths also ex-stock

Application Areas

- Areas of application: Sea & Rail transport, Waste Disposal & Cleaning Technology, Textile, Vehicle Construction

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with customer-specific imprint

Article Variants

Extended Article Number	Nominal Size (DN) in mm	Outer diameter in mm	Bending radius* in mm	Weight in kg/m	Operating pressure in bar	Negative pressure in bar	Max. Production length in m	Stock Lengths in m	Length (standard lengths available for order) in m
000400:80:x	80	100	80	0.72	0.80	0.31	25.00	/	5 / 10 / 15 / 20 / 25
000400:102:x	102	120	100	0.88	0.70	0.28	25.00	/	5 / 10 / 15 / 20 / 25
000400:120:x	120	140	120	1.05	0.63	0.23	25.00	/	5 / 10 / 15 / 20 / 25
000400:152:x	152	170	150	1.30	0.50	0.17	25.00	/	5 / 10 / 15 / 20 / 25
000400:160:x	160	180	160	1.39	0.45	0.15	25.00	/	5 / 10 / 15 / 20 / 25
000400:180:x	180	200	180	1.56	0.40	0.11	25.00	/	5 / 10 / 15 / 20 / 25
000400:127:x	127	143,4	127	1.23	0.54	0.18	25.00	/	5 / 10 / 15 / 20 / 25
000400:203:x	203	220	200	1.72	0.30	0.07	25.00	/	5 / 10 / 15 / 20 / 25

All data refer to a medium and ambient temperature of +20°C.
Specification of the bending radius related to the inside of the hose bend
Subject to technical changes and colour deviations

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

Car-Grip Hose Clamp, screwable
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems

Car-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems

Car-Grip Quick-Fix Clamp
Special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary installations

Hose connector
Sheet steel connector for extending, connecting and joining light to medium-weight hoses

Combiflex PU Cuff V
screw-on PU end fitting for Master-PUR hoses on spigots acc. to DIN 2448/DIN 2458, permanently antistatic

Heat Shrink Cuff
Heat shrink sleeve for easy connection and sealing of hoses

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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