

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 or fabric hose with attached support coil
- 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 as a special hose (strand) and inserted into the helix

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

Delivery Information

- Delivery, type of production: Various nominal widths in standard lengths are available ex-production, individual nominal widths 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	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m
000400:80:x	000400	80	100	80	0.72	0.80	0.31	25.00
000400:102:x	000400	102	120	100	0.88	0.70	0.28	25.00
000400:120:x	000400	120	140	120	1.05	0.63	0.23	25.00
000400:152:x	000400	152	170	150	1.30	0.50	0.17	25.00
000400:160:x	000400	160	180	160	1.39	0.45	0.15	25.00
000400:180:x	000400	180	200	180	1.56	0.40	0.11	25.00
000400:127:x	000400	127	143,4	127	1.23	0.54	0.18	25.00
000400:203:x	000400	203	220	200	1.72	0.30	0.07	25.00

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.

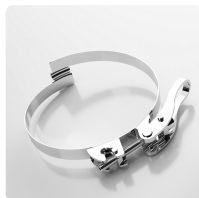
Possible Connection Elements



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



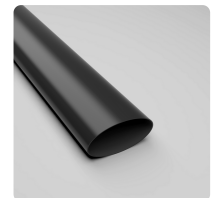
Car-Grip Quick-Fix Clamp
Special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary installations



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:
+49 209 97077-112

Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

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