



Master H2O

Article Master No.: 006197

TPE film hose for drinking water applications in the cold and hot water sector.

Product Details

Construction / Material

- Type of construction: Film hose with metal spiral
- Spiral Design: made from stainless steel wire
- Material of the spiral: Stainless steel 1.4310, Spring steel
- Execution of the wall: Wall thickness between the spirals approx. 0.6 mm
- Material of the wall: TPE
- Specifications of the wall: according to KTW / TPE transition recommendation and W270 certified for the transport of drinking water up to 60 °C

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, with grounding on both sides of the spiral for aspirative and pneumatic conveying of non-flammable dusts and bulk materials in zone 22. For conveying gases and liquids with low conductivity in zone 2., Manufacturing process according to GMP EC 2023/2006
- Chemical Properties: good UV resistance, good ozone resistance, halogen-free, plasticiser-free
- Mechanical Properties: permanently kink-resistant

Operating Temperature

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

Delivery Information

Application Areas

Customizing Options

Article Variants

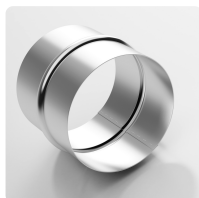
Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Operating pressure at 60 °C	Negative pressure bar	Max. Production length m
006197:40:x	006197	40	45	25	200	0.43	0,23	0.24	25.00
006197:45:x	006197	45	50	28	240	0.42	0,23	0.22	25.00
006197:51:x	006197	51	56	32	290	0.41	0,22	0.20	25.00
006197:60:x	006197	60	65	38	360	0.39	0,21	0.19	25.00
006197:63:x	006197	63	68	40	390	0.39	0,21	0.17	25.00
006197:65:x	006197	65	70	42	410	0.39	0,21	0.16	25.00
006197:70:x	006197	70	76	45	450	0.38	0,20	0.16	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

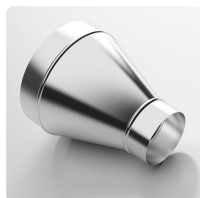
Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Possible Connection Elements



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



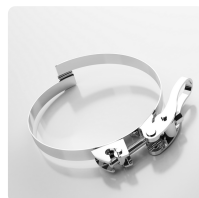
Hose Reducer, symmetrical
 Hose reducer for extending, connecting and joining light to medium weight hoses



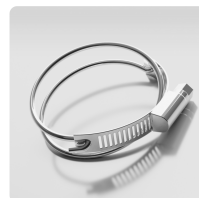
Master-Grip Hose Clamp, screwable
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Master-Grip Quick-Fix Clamp
 Special clamp for fastening light and medium-weight, right-hand spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



Master-Grip Double Wire Clamp, screw-fitting
 Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PUR Food, Master-PVC and Master-SANTO

Individual consultation

We offer consultation by phone:
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Product requests via masterflex.de/en

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