



Master-PVC HF

Article Master No.: 000454

PVC Film/Foil Hose, medium-weight, flexible

microbe resistant | hydrolysis resistant | flexible | medium heavy | moderately pressure resistant

Product Details

Construction / Material

- Type of construction: film hose with embedded support coil
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Execution of the wall: foil thickness between the spirals approx. 1.2 - 1.5 mm, depending on DN

Properties

- Chemical Properties: good resistance to oil, good resistance to chemicals, good resistance to alkaline solutions, good resistance to acids
- Flexibility: flexible
- Weight: medium heavy
- Pressure Resistance: moderately pressure resistant
- Colour: grey
- Other: high vacuum and good pressure resistance

Operating Temperature

- Temperature Range: -20to 70°C
- short-term maximum temperature: peaks to 80 °C

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Industry, Ventilation & Air-conditioning, Bulk & Construction, Chemistry, Food & Pharma, Conveying, lifting & feeding technology

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
000454:38:x	38	45	57	0.46	2.15	0.64	10.00	/	10
000454:51:x	51	59	76	0.62	1.87	0.38	15.00	/	10
000454:70:x	70	78	105	0.85	1.30	0.29	15.00	/	10
000454:76:x	76	84	114	0.92	1.24	0.29	15.00	/	10
000454:90:x	90	98	135	1.09	1.10	0.25	15.00	/	10
000454:102:x	102	111	153	1.26	0.98	0.25	15.00	/	10
000454:152:x	152	163	228	1.97	0.48	0.18	15.00	/	10
000454:203:x	203	214	305	2.73	0.29	0.14	15.00	/	10
000454:250:x	250	262	375	3.67	0.20	0.12	15.00	/	10
000454:300:x	300	312	450	4.41	0.15	0.10	15.00	/	10
000454:400:x	400	412	600	5.87	0.10	0.08	15.00	/	10

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



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



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



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



Individual consultation

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

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

Headquarters for your sales area

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