

Master-PVC HF

Article Master No.: 000454

PVC Film/Foil Hose, medium-weight, flexible



hydrolysis
resistant



microbe
resistant



flame
retardant



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: -20 - 70
- 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	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	Stock Lengths m
000454:20:x	000454	20	27	30	0.24	2.40	0.83	15.00	/
000454:32:x	000454	32	39	48	0.39	2.20	0.79	15.00	/
000454:38:x	000454	38	45	57	0.46	2.15	0.64	15.00	/
000454:51:x	000454	51	59	76	0.62	1.87	0.38	15.00	/
000454:60:x	000454	60	68	90	0.73	1.60	0.34	15.00	/
000454:65:x	000454	65	73	98	0.79	1.50	0.32	15.00	/
000454:70:x	000454	70	78	105	0.85	1.30	0.29	15.00	/
000454:76:x	000454	76	84	114	0.92	1.24	0.29	15.00	/
000454:80:x	000454	80	88	120	0.97	1.20	0.29	15.00	/
000454:90:x	000454	90	98	135	1.09	1.10	0.25	15.00	/
000454:102:x	000454	102	111	153	1.26	0.98	0.25	15.00	/
000454:110:x	000454	110	119	165	1.28	0.90	0.25	15.00	/
000454:120:x	000454	120	129	180	1.40	0.80	0.20	15.00	/
000454:127:x	000454	127	136	189	1.47	0.73	0.19	15.00	/
000454:140:x	000454	140	151	210	1.83	0.60	0.18	15.00	/
000454:152:x	000454	152	163	228	1.97	0.48	0.18	15.00	/
000454:160:x	000454	160	171	240	2.09	0.40	0.16	15.00	/
000454:203:x	000454	203	214	305	2.73	0.29	0.14	15.00	/
000454:225:x	000454	225	237	338	3.30	0.20	0.12	15.00	/
000454:250:x	000454	250	262	375	3.67	0.20	0.12	15.00	/
000454:300:x	000454	300	312	450	4.41	0.15	0.10	15.00	/
000454:350:x	000454	350	362	525	5.14	0.10	0.09	15.00	/
000454:400:x	000454	400	412	600	5.87	0.10	0.08	15.00	/

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.

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)).

Possible Connection Elements



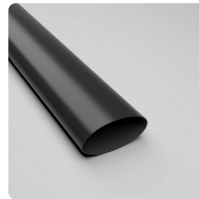
Master-Grip Hose Clamp, screwable
Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



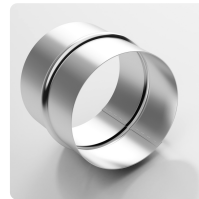
Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



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

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