

## 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	10, 15, 20, 25
000454:32:x	000454	32	39	48	0.39	2.20	0.79	15.00	10, 15, 20, 25
000454:38:x	000454	38	45	57	0.46	2.15	0.64	15.00	10, 15, 20, 25
000454:51:x	000454	51	59	76	0.62	1.87	0.38	15.00	10, 15, 20, 25
000454:60:x	000454	60	68	90	0.73	1.60	0.34	15.00	10, 15, 20, 25
000454:65:x	000454	65	73	98	0.79	1.50	0.32	15.00	10, 15, 20, 25
000454:70:x	000454	70	78	105	0.85	1.30	0.29	15.00	10, 15, 20, 25
000454:76:x	000454	76	84	114	0.92	1.24	0.29	15.00	10, 15, 20, 25
000454:80:x	000454	80	88	120	0.97	1.20	0.29	15.00	10, 15, 20, 25
000454:90:x	000454	90	98	135	1.09	1.10	0.25	15.00	10, 15, 20, 25
000454:102:x	000454	102	111	153	1.26	0.98	0.25	15.00	10, 15, 20, 25
000454:110:x	000454	110	119	165	1.28	0.90	0.25	15.00	10, 15, 20, 25
000454:120:x	000454	120	129	180	1.40	0.80	0.20	15.00	10, 15, 20, 25
000454:125:x	000454	125	134	185	1.45	0.75	0.20	15.00	10, 15, 20, 25
000454:127:x	000454	127	136	189	1.47	0.73	0.19	15.00	10, 15, 20, 25
000454:140:x	000454	140	151	210	1.83	0.60	0.18	15.00	10, 15, 20, 25
000454:150:x	000454	150	161	225	1.94	0.50	0.18	15.00	10, 15, 20, 25
000454:152:x	000454	152	163	228	1.97	0.48	0.18	15.00	10, 15, 20, 25
000454:160:x	000454	160	171	240	2.09	0.40	0.16	15.00	10, 15, 20, 25
000454:203:x	000454	203	214	305	2.73	0.29	0.14	15.00	10, 15, 20, 25
000454:225:x	000454	225	237	338	3.30	0.20	0.12	15.00	10, 15, 20, 25
000454:250:x	000454	250	262	375	3.67	0.20	0.12	15.00	10, 15, 20, 25
000454:300:x	000454	300	312	450	4.41	0.15	0.10	15.00	10, 15
000454:350:x	000454	350	362	525	5.14	0.10	0.09	15.00	10, 15
000454:400:x	000454	400	412	600	5.87	0.10	0.08	15.00	10, 15

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



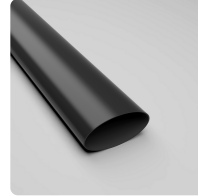
**Master-Grip Hose Clamp, screwable**  
Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



**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  
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### Address Headquarters

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