

Master-PVC LF

Article Master No.: 000450

PVC Film/Foil Hose, light, highly flexible



microbe
resistant



hydrolysis
resistant



very
flexible



light



moderatel
y 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. 0.5 - 0.8 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: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: grey

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: Ventilation & Air-conditioning, Bulk & Construction, Chemistry, Food & Pharma

Customizing Options

- optional item modification (on request): other colours, 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	Length (standard lengths available for order) m
000450:20:x	000450	20	24	20	0.14	1.90	0.54	15.00	/	10, 15
000450:30:x	000450	30	35	30	0.21	1.60	0.44	15.00	/	10, 15
000450:38:x	000450	38	43	38	0.25	1.43	0.33	15.00	/	10, 15
000450:40:x	000450	40	45	40	0.26	1.40	0.29	15.00	/	10, 15
000450:45:x	000450	45	50	45	0.28	1.32	0.28	15.00	/	10, 15
000450:51:x	000450	51	57	51	0.34	1.30	0.27	15.00	/	10, 15
000450:60:x	000450	60	66	60	0.52	1.10	0.25	15.00	/	10, 15
000450:65:x	000450	65	71	65	0.46	1.00	0.22	15.00	/	10, 15
000450:70:x	000450	70	76	70	0.58	0.90	0.22	15.00	/	10, 15
000450:75:x	000450	75	81	75	0.65	0.80	0.20	15.00	/	10, 15
000450:80:x	000450	80	86	80	0.66	0.77	0.18	15.00	/	10, 15
000450:90:x	000450	90	96	90	0.75	0.70	0.17	15.00	/	10, 15
000450:102:x	000450	102	109	102	0.84	0.59	0.15	15.00	/	10, 15
000450:110:x	000450	110	117	110	0.89	0.57	0.14	15.00	/	10, 15
000450:115:x	000450	115	122	115	0.94	0.51	0.14	15.00	/	10, 15
000450:120:x	000450	120	127	120	0.97	0.45	0.13	15.00	/	10, 15
000450:127:x	000450	127	134	127	1.04	0.38	0.12	15.00	/	10, 15
000450:130:x	000450	130	137	130	1.05	0.35	0.12	15.00	/	10, 15
000450:140:x	000450	140	147	140	1.13	0.30	0.11	15.00	/	10, 15
000450:152:x	000450	152	159	168	1.32	0.25	0.10	15.00	/	10, 15
000450:160:x	000450	160	168	240	1.64	0.25	0.10	15.00	/	10, 15
000450:170:x	000450	170	178	255	1.74	0.25	0.10	15.00	/	10, 15
000450:180:x	000450	180	188	285	1.95	0.22	0.10	15.00	/	10, 15
000450:203:x	000450	203	211	305	2.19	0.20	0.10	15.00	/	10, 15
000450:254:x	000450	254	263	380	2.60	0.12	0.07	15.00	/	10, 15
000450:300:x	000450	300	309	450	3.07	0.08	0.06	15.00	/	10, 15
000450:315:x	000450	315	324	475	3.28	0.08	0.05	15.00	/	10, 15
000450:350:x	000450	350	359	525	3.58	0.06	0.04	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.

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



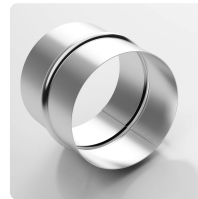
Master-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
Special clamp for fastening light and medium-weight, right-handed spiral hoses such as Flamex B-se, Flamex B-F se, Master-PUR Trivolution, Master-PVC and Master-SANTO



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:
+49 209 97077-112

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

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

