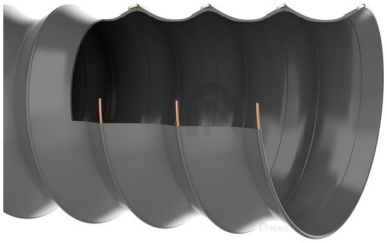

Master-PVC LF

Article Master No.: 000450

PVC Film/Foil Hose, light, highly flexible

microbe resistant | hydrolysis resistant | very flexible | light | 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. 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 to 70 °C
- 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, Wood, 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	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
000450:38:x	38	43	38	0.25	1.43	0.33	15.00	/	10
000450:40:x	40	45	40	0.26	1.40	0.29	15.00	/	10 / 15
000450:45:x	45	50	45	0.28	1.32	0.28	15.00	/	10
000450:51:x	51	57	51	0.34	1.30	0.27	15.00	/	10 / 15
000450:60:x	60	66	60	0.52	1.10	0.25	15.00	/	10
000450:65:x	65	71	65	0.46	1.00	0.22	15.00	/	10
000450:70:x	70	76	70	0.58	0.90	0.22	15.00	/	10 / 15
000450:75:x	75	81	75	0.65	0.80	0.20	15.00	/	10
000450:80:x	80	86	80	0.66	0.77	0.18	15.00	/	10 / 15
000450:90:x	90	96	90	0.75	0.70	0.17	15.00	/	10 / 15
000450:102:x	102	109	102	0.84	0.59	0.15	15.00	/	10 / 15
000450:110:x	110	117	110	0.89	0.57	0.14	15.00	/	10 / 15
000450:115:x	115	122	115	0.94	0.51	0.14	15.00	/	10 / 15
000450:120:x	120	127	120	0.97	0.45	0.13	15.00	/	10 / 15
000450:127:x	127	134	127	1.04	0.38	0.12	15.00	/	10 / 15
000450:140:x	140	147	140	1.13	0.30	0.11	15.00	/	10 / 15
000450:152:x	152	159	168	1.32	0.25	0.10	15.00	/	10 / 15
000450:160:x	160	168	240	1.64	0.25	0.10	15.00	/	10 / 15
000450:180:x	180	188	285	1.95	0.22	0.10	15.00	/	10 / 15
000450:203:x	203	211	305	2.19	0.20	0.10	15.00	/	10
000450:300:x	300	309	450	3.07	0.08	0.06	15.00	/	10
000450:315:x	315	324	475	3.28	0.08	0.05	15.00	/	10
000450:350:x	350	359	525	3.58	0.06	0.04	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.de/**

Headquarters for your sales area

Masterflex SE

Willy-Brandt-Allee 300
45891 Gelsenkirchen
Germany