



## Master-PVC LF EL

Article Master No.: 000434

PVC Film/Foil Hose, lightweight, electroconductive



antistatic



electrically  
conductive



hydrolysis  
resistant



microbe  
resistant



compressi-  
ble



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: made of electrically conductive material, wall thickness between the spirals approx. 0.5 mm
- Material of the wall: soft PVC
- Specifications of the wall: surface resistance  $R_0 < 10^4$  Ohm

#### Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU
- 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: black

#### Operating Temperature

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

### Delivery Information

- Delivery, type of production: various nominal widths in standard lengths are available ex-production, individual nominal widths and lengths also ex-stock

### Application Areas

- Areas of application: Ventilation & Air-conditioning, Chemistry

### 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
000434:51:x	000434	51	57	30	not specified	0.70	0.19	25.00	/
000434:60:x	000434	60	68	35	not specified	0.68	0.19	25.00	/
000434:63:x	000434	63	70	37	not specified	0.65	0.17	25.00	/
000434:65:x	000434	65	72	38	not specified	0.61	0.16	25.00	/
000434:70:x	000434	70	77	40	not specified	0.55	0.13	25.00	/
000434:76:x	000434	76	82	43	not specified	0.52	0.13	25.00	/
000434:80:x	000434	80	87	45	not specified	0.48	0.13	25.00	/
000434:90:x	000434	90	98	50	not specified	0.41	0.09	25.00	/
000434:102:x	000434	102	109	55	0.64	0.38	0.09	25.00	5, 10
000434:110:x	000434	110	117	60	0.69	0.34	0.09	25.00	5, 10
000434:115:x	000434	115	122	63	0.72	0.34	0.09	25.00	/
000434:120:x	000434	120	128	65	0.76	0.32	0.09	25.00	/
000434:127:x	000434	127	133	68	0.78	0.32	0.09	25.00	5, 10
000434:130:x	000434	130	136	70	0.81	0.27	0.09	25.00	/
000434:152:x	000434	152	158	80	0.94	0.27	0.06	25.00	/
000434:160:x	000434	160	170	85	1.14	0.21	0.06	25.00	5, 10, 15
000434:170:x	000434	170	180	90	1.21	0.21	0.06	25.00	/
000434:180:x	000434	180	190	95	1.28	0.21	0.06	25.00	/
000434:203:x	000434	203	210	105	1.42	0.21	0.06	25.00	/
000434:225:x	000434	225	235	118	1.59	0.14	0.03	25.00	/
000434:250:x	000434	250	257	128	1.75	0.14	0.03	25.00	/
000434:254:x	000434	254	261	130	1.77	0.14	0.03	25.00	/
000434:275:x	000434	275	285	143	1.94	0.13	0.03	25.00	/

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
000434:280:x	000434	280	290	145	1.97	0.13	0.03	25.00	/
000434:300:x	000434	300	311	155	2.11	0.13	0.03	25.00	/

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



**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



**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

### Individual consultation

We offer consultation by phone:  
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Product requests via  
[masterflex.de/en](http://masterflex.de/en)

### Address Headquarters

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