

## Master-PVC LF EL

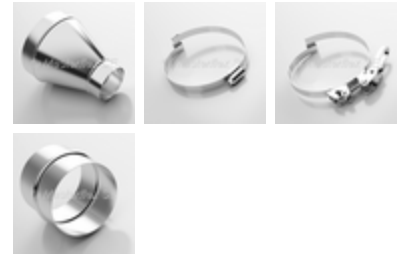
PVC Film/Foil Hose, lightweight, electroconductive, surface resistance  $<10^6 \text{ Ohm}$



### Technical Drawing



### Connections



### Construction



### Material

- spiral: spring steel wire, plastic-coated
- wall: soft PVC, electrically conductive
- wall thickness between spirals approx. 0.5 mm

### Applications

- Chemicals industry
- Apparatus construction
- Suction and transport hose for solid, liquid and gaseous media
- Danger zones, which require electrically conductive hoses
- Transport of fine-grained particles, such as dust and powder

### Properties

- smallest bending radii
- surface resistance  $< 10^6 \text{ Ohm}$
- axial compressable
- extremely flexible
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- light
- good oil/alkali/acid resistance
- mostly smooth inner lining
- good chemical resistance

### Temperature Range

- -20°C to +70°C
- peaks to +80°C

### Product Variations (\*\*Please replace “x” with your desired hose length.)

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	**new article no.	stock length	max. production length
	bar	bar	mm	mm	kg			m	m
50	0,7	0,19	29	56	0,33	340-050-207	000434:050:x	/	25
51	0,7	0,19	30	57	0,33	340-051-207	000434:051:x	/	25
60	0,68	0,19	35	68	0,39	340-060-207	000434:060:x	/	25
63	0,65	0,17	37	70	0,41	340-063-207	000434:063:x	/	25
65	0,61	0,16	38	72	0,42	340-065-207	000434:065:x	/	25
70	0,55	0,13	40	77	0,45	340-070-207	000434:070:x	/	25
75	0,53	0,13	42	81	0,48	340-075-207	000434:075:x	/	25
76	0,52	0,13	43	82	0,48	340-076-207	000434:076:x	/	25
80	0,48	0,13	45	87	0,51	340-080-207	000434:080:x	/	25
90	0,41	0,09	50	98	0,58	340-090-207	000434:090:x	/	25
100	0,39	0,09	54	107	0,63	340-100-207	000434:100:x	/	25
102	0,38	0,09	55	109	0,64	340-102-207	000434:102:x	5/10	25
110	0,34	0,09	60	117	0,69	340-110-207	000434:110:x	5/10	25
115	0,34	0,09	63	122	0,72	340-115-207	000434:115:x	/	25
120	0,32	0,09	65	128	0,76	340-120-207	000434:120:x	/	25
125	0,32	0,09	67	131	0,77	340-125-207	000434:125:x	/	25
127	0,32	0,09	68	133	0,78	340-127-207	000434:127:x	5/10	25
130	0,27	0,09	70	136	0,81	340-130-207	000434:130:x	/	25
140	0,27	0,06	75	147	0,87	340-140-207	000434:140:x	/	25
150	0,27	0,06	79	156	0,93	340-150-207	000434:150:x	/	25
152	0,27	0,06	80	158	0,94	340-152-207	000434:152:x	/	25
160	0,21	0,06	85	170	1,14	340-160-207	000434:160:x	4/5/10/15	25
170	0,21	0,06	90	180	1,21	340-170-207	000434:170:x	/	25
175	0,21	0,06	93	185	1,24	340-175-207	000434:175:x	/	25
180	0,21	0,06	95	190	1,28	340-180-207	000434:180:x	/	25
200	0,21	0,06	103	207	1,4	340-200-207	000434:200:x	/	25
203	0,21	0,06	105	210	1,42	340-203-207	000434:203:x	/	25
225	0,14	0,03	118	235	1,59	340-225-207	000434:225:x	/	25
250	0,14	0,03	128	257	1,75	340-250-207	000434:250:x	/	25
254	0,14	0,03	130	261	1,77	340-254-207	000434:254:x	/	25
275	0,13	0,03	143	285	1,94	340-275-207	000434:275:x	/	25
280	0,13	0,03	145	290	1,97	340-280-207	000434:280:x	/	25
300	0,13	0,03	155	311	2,11	340-300-207	000434:300:x	/	25

All data refers to a medium and ambient temperature of +20 °C.

\* Refers to the inner hose lining

Subject to technical changes and colour deviations.

Available on request

- Available on request in other lengths and sizes with print.