

# Master-PVC LF

## PVC Film/Foil Hose, light, highly flexible



### Technical Drawing



### Connections



### Construction



### Material

- spiral: spring steel wire, plastic-coated
- wall: soft PVC
- Film thickness between spirals approx. 0.5 - 0.8 mm, dep. on DN size

### Applications

- Protective hose
- Liquid drainage
- Suction and transport hose for solid, liquid and gaseous media
- Ventilation and air-conditioning systems
- Dust removal
- Apparatus construction
- Spinning fibre extraction
- Transport of fine-grained particles, such as dust and powder

### Properties

- good oil/alkali/acid resistance
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- light
- very good flexibility
- smallest bending radii
- optimum flow characteristics
- good chemical resistance

### Temperature Range

- -20°C to +70°C
- peaks to +80°C

### Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	production length
	bar	bar	mm	mm	kg		m
20	1,9	0,54	20	24	0,14	000450:20:x	10/15/20/25
22	1,8	0,49	22	26	0,15	000450:22:x	10/15/20/25
25	1,73	0,47	24	25	0,16	000450:25:x	10/15/20/25
26	1,7	0,47	25	30	0,17	000450:26:x	10/15/20/25
28	1,65	0,44	28	33	0,19	000450:28:x	10/15/20/25
30	1,6	0,44	30	35	2,05	000450:30:x	10/15/20/25
32	1,55	0,4	32	37	0,22	000450:32:x	10/15/20/25
38	1,43	0,33	38	43	0,25	000450:38:x	10/15/20/25
40	1,4	0,29	40	45	0,26	000450:40:x	10/15/20/25
45	1,32	0,28	45	50	0,28	000450:45:x	10/15/20/25
50	1,3	0,28	50	56	0,31	000450:50:x	10/15/20/25
51	1,3	0,27	51	57	0,34	000450:51:x	10/15/20/25
55	1,2	0,25	55	61	0,46	000450:55:x	10/15/20/25
60	1,1	0,25	60	66	0,52	000450:60:x	10/15/20/25
65	1	0,22	65	71	0,46	000450:65:x	10/15/20/25
70	0,9	0,22	70	76	0,58	000450:70:x	10/15/20/25
75	0,8	0,2	75	81	0,65	000450:75:x	10/15/20/25
76	0,79	0,2	76	82	0,65	000450:76:x	10/15/20/25
80	0,77	0,18	80	86	0,66	000450:80:x	10/15/20/25
90	0,7	0,17	90	96	0,75	000450:90:x	10/15/20/25
100	0,6	0,15	100	107	0,83	000450:100:x	10/15/20/25
102	0,59	0,15	102	109	0,84	000450:102:x	10/15/20/25
110	0,57	0,14	110	117	0,89	000450:110:x	10/15/20/25
115	0,51	0,14	115	122	0,94	000450:115:x	10/15/20/25
120	0,45	0,13	120	127	0,97	000450:120:x	10/15/20/25
125	0,4	0,12	125	132	1,03	000450:125:x	10/15/20/25
127	0,38	0,12	127	134	1,04	000450:127:x	10/15/20/25
130	0,35	0,12	130	137	1,05	000450:130:x	10/15/20/25
140	0,3	0,11	140	147	1,13	000450:140:x	10/15/20/25
150	0,25	0,11	150	157	1,24	000450:150:x	10/15/20/25
152	0,25	0,1	168	159	1,32	000450:152:x	10/15/20/25
160	0,25	0,1	240	168	1,64	000450:160:x	10/15/20/25
170	0,25	0,1	255	178	1,74	000450:170:x	10/15/20/25
175	0,25	0,1	265	183	1,9	000450:175:x	10/15/20/25
180	0,22	0,1	285	188	1,95	000450:180:x	10/15/20/25

200	0,2	0,1	300	208	2,17	000450:200:x	10/15/20/25
203	0,2	0,1	305	211	2,19	000450:203:x	10/15/20/25
215	0,2	0,09	325	223	2,25	000450:215:x	10/15/20/25
225	0,15	0,08	340	233	2,31	000450:225:x	10/15/20/25
250	0,12	0,07	375	259	2,56	000450:250:x	10/15/20/25
254	0,12	0,07	380	263	2,6	000450:254:x	10/15/20/25
300	0,08	0,06	450	309	3,07	000450:300:x	10/15/20/25
315	0,08	0,05	475	324	3,28	000450:315:x	10/15/20/25
325	0,08	0,05	490	334	3,33	000450:325:x	10/15/20/25
350	0,06	0,04	525	359	3,58	000450:350:x	10/15/20/25
400	0,05	0,02	600	409	4,1	000450:400:x	10/15/20/25

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.

#### Manufacturing and Delivery

- Made-to-order production in the above-mentioned nominal widths and lengths, in grey or transparent

#### Available on request

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