

Master-PVC LF

PVC Film/Foil Hose, light, highly flexible



Technical Drawing



Connections



Construction



Order-specific production

- Order-specific production in the above listed sizes and lengths, in grey or transparent. Delivery approx. 10 working days.

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
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- Transport of fine-grained particles, such as dust and powder

Properties

- smallest bending radii
- light
- very good flexibility
- optimum flow characteristics
- good oil/alkali/acid resistance
- 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.	production length
	bar	bar	mm	mm	kg			m
20	1,9	0,54	20	24	0,14	662-020-102	000450:20:x	5/10/15/20/25
22	1,8	0,49	22	26	0,15	662-022-102	000450:22:x	5/10/15/20/25
25	1,73	0,47	24	25	0,16	662-025-102	000450:25:x	5/10/15/20/25
26	1,7	0,47	25	30	0,17	662-026-102	000450:26:x	5/10/15/20/25
28	1,65	0,44	28	33	0,19	662-028-102	000450:28:x	5/10/15/20/25
30	1,6	0,44	30	35	2,05	662-030-102	000450:30:x	5/10/15/20/25
32	1,55	0,4	32	37	0,22	662-032-102	000450:32:x	5/10/15/20/25
38	1,43	0,33	38	43	0,25	662-038-102	000450:38:x	5/10/15/20/25
40	1,4	0,29	40	45	0,26	662-040-102	000450:40:x	5/10/15/20/25
45	1,32	0,28	45	50	0,28	662-045-102	000450:45:x	5/10/15/20/25
50	1,3	0,28	50	56	0,31	662-050-102	000450:50:x	5/10/15/20/25
51	1,3	0,27	51	57	0,34	662-051-102	000450:51:x	5/10/15/20/25
55	1,2	0,25	55	61	0,46	662-055-102	000450:55:x	5/10/15/20/25
60	1,1	0,25	60	66	0,52	662-060-102	000450:60:x	5/10/15/20/25
65	1	0,22	65	71	0,46	662-065-102	000450:65:x	5/10/15/20/25
70	0,9	0,22	70	76	0,58	662-070-102	000450:70:x	5/10/15/20/25
75	0,8	0,2	75	81	0,65	662-075-102	000450:75:x	5/10/15/20/25
76	0,79	0,2	76	82	0,65	662-076-102	000450:76:x	5/10/15/20/25
80	0,77	0,18	80	86	0,66	662-080-102	000450:80:x	5/10/15/20/25
90	0,7	0,17	90	96	0,75	662-090-102	000450:90:x	5/10/15/20/25
100	0,6	0,15	100	107	0,83	662-100-102	000450:100:x	5/10/15/20/25
102	0,59	0,15	102	109	0,84	662-102-102	000450:102:x	5/10/15/20/25
110	0,57	0,14	110	117	0,89	662-110-102	000450:110:x	5/10/15/20/25
115	0,51	0,14	115	122	0,94	662-115-102	000450:115:x	5/10/15/20/25
120	0,45	0,13	120	127	0,97	662-120-102	000450:120:x	5/10/15/20/25
125	0,4	0,12	125	132	1,03	662-125-102	000450:125:x	5/10/15/20/25
127	0,38	0,12	127	134	1,04	662-127-101	000450:127:x	5/10/15/20/25
130	0,35	0,12	130	137	1,05	662-130-102	000450:130:x	5/10/15/20/25
140	0,3	0,11	140	147	1,13	662-140-102	000450:140:x	5/10/15/20/25
150	0,25	0,11	150	157	1,24	662-150-102	000450:150:x	5/10/15/20/25
152	0,25	0,1	168	159	1,32	662-152-102	000450:152:x	5/10/15/20/25

160	0,25	0,1	240	168	1,64	662-160-102	000450:160:x	5/10/15/20/25
170	0,25	0,1	255	178	1,74	662-170-102	000450:170:x	5/10/15/20/25
175	0,25	0,1	265	183	1,9	662-175-102	000450:175:x	5/10/15/20/25
180	0,22	0,1	285	188	1,95	662-180-102	000450:180:x	5/10/15/20/25
200	0,2	0,1	300	208	2,17	662-200-102	000450:200:x	5/10/15/20/25
203	0,2	0,1	305	211	2,19	662-203-102	000450:203:x	5/10/15/20/25
215	0,2	0,09	325	223	2,25	662-215-102	000450:215:x	5/10/15/20/25
225	0,15	0,08	340	233	2,31	662-225-102	000450:225:x	5/10/15/20/25
250	0,12	0,07	375	259	2,56	662-250-102	000450:250:x	5/10/15/20/25
254	0,12	0,07	380	263	2,6	662-254-102	000450:254:x	5/10/15/20/25
300	0,08	0,06	450	309	3,07	662-300-102	000450:300:x	5/10/15/20/25
315	0,08	0,05	475	324	3,28	662-315-102	000450:315:x	5/10/15/20/25
325	0,08	0,05	490	334	3,33	662-325-102	000450:325:x	5/10/15/20/25
350	0,06	0,04	525	359	3,58	662-350-102	000450:350:x	5/10/15/20/25
400	0,05	0,02	600	409	4,1	662-400-102	000450:400:x	5/10/15/20/25

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.

Available on request

- Available on request in other lengths, sizes.