

Master-PVC HF

PVC Film/Foil Hose, medium-weight, flexible



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire, plastic-coated
- wall: soft PVC
- Film thickness between spirals approx. 1.2 - 1.5mm, 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

- small bending radius
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- good flexibility
- medium duty
- good oil/alkali/acid resistance
- increased pressure and vacuum resistance
- 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	2,4	0,83	30	27	0,24	000454:20:x	10/15/20/25
22	2,4	0,83	33	29	0,27	000454:22:x	10/15/20/25
25	2,4	0,81	38	32	0,3	000454:25:x	10/15/20/25
26	2,4	0,8	39	33	0,31	000454:26:x	10/15/20/25
28	2,3	0,8	42	35	0,34	000454:28:x	10/15/20/25
30	2,2	0,79	45	37	0,37	000454:30:x	10/15/20/25
32	2,2	0,79	48	39	0,39	000454:32:x	10/15/20/25
38	2,15	0,64	57	45	0,46	000454:38:x	10/15/20/25
40	2,1	0,59	60	48	0,48	000454:40:x	10/15/20/25
45	2	0,49	68	53	0,54	000454:45:x	10/15/20/25
50	1,9	0,39	75	58	0,61	000454:50:x	10/15/20/25
51	1,87	0,38	76	59	0,62	000454:51:x	10/15/20/25
55	1,75	0,34	83	63	0,67	000454:55:x	10/15/20/25
60	1,6	0,34	90	68	0,73	000454:60:x	10/15/20/25
65	1,5	0,32	98	73	0,79	000454:65:x	10/15/20/25
70	1,3	0,29	105	78	0,85	000454:70:x	10/15/20/25
75	1,25	0,29	113	83	0,91	000454:75:x	10/15/20/25
76	1,24	0,29	114	84	0,92	000454:76:x	10/15/20/25
80	1,2	0,29	120	88	0,97	000454:80:x	10/15/20/25
90	1,1	0,25	135	98	1,09	000454:90:x	10/15/20/25
100	1	0,25	150	109	1,26	000454:100:x	10/15/20/25
102	0,98	0,25	153	111	1,26	000454:102:x	10/15/20/25
110	0,9	0,25	165	119	1,28	000454:110:x	10/15/20/25
115	0,85	0,2	173	124	1,34	000454:115:x	10/15/20/25
120	0,8	0,2	180	129	1,4	000454:120:x	10/15/20/25
125	0,75	0,2	185	134	1,45	000454:125:x	10/15/20/25
127	0,73	0,19	189	136	1,47	000454:127:x	10/15/20/25
130	0,7	0,18	195	139	1,51	000454:130:x	10/15/20/25
140	0,6	0,18	210	151	1,83	000454:140:x	10/15/20/25
150	0,5	0,18	225	161	1,94	000454:150:x	10/15/20/25
152	0,48	0,18	228	163	1,97	000454:152:x	10/15/20/25
160	0,4	0,16	240	171	2,09	000454:160:x	10/15/20/25
170	0,35	0,16	255	181	2,22	000454:170:x	10/15/20/25
175	0,35	0,16	260	186	2,26	000454:175:x	10/15/20/25
180	0,35	0,15	270	191	2,35	000454:180:x	10/15/20/25

200	0,3	0,15	300	211	2,62	000454:200:x	10/15/20/25
203	0,29	0,14	305	214	2,73	000454:203:x	10/15/20/25
215	0,25	0,12	323	227	3,16	000454:215:x	10/15/20/25
225	0,2	0,12	338	237	3,3	000454:225:x	10/15/20/25
250	0,2	0,12	375	262	3,67	000454:250:x	10/15/20/25
300	0,15	0,1	450	312	4,41	000454:300:x	10/15
315	0,15	0,1	473	327	4,63	000454:315:x	10/15
325	0,1	0,09	488	337	4,77	000454:325:x	10/15
350	0,1	0,09	525	362	5,14	000454:350:x	10/15
400	0,1	0,08	600	412	5,87	000454:400:x	10/15
500	0,05	0,03	750	512	7,34	000454:500:x	10/15

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.