

Ovum Technologies

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Address: A-6, Harihar Complex, Thane, Maharashtra 421302 (India)

Master PVC L

PVC Suction hose & Transport hose, light duty, highly flexible



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire
- wall: soft PVC
- wall thickness between spirals approx. 0.7 mm

Applications

- Protective hose
- Liquid drainage
- Suction and transport hose for solid, liquid and gaseous media
- Ventilation and air-conditioning systems
- Transport of fine-grained particles, such as dust and powder

Properties

- light
- very good flexibility
- smallest bending radii
- optimum flow characteristics
- good oil/alkali/acid resistance
- good chemical resistance
- RoHs compliant
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

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 lengths
	bar	bar	mm	mm	kg			m	m
38	0,84	0,66	46	46	0,41	140-038-102	000225:38:x	/	25
40	0,84	0,66	48	48	0,42	140-040-102	000225:40:x	/	25
45	0,74	0,59	53	53	0,44	140-045-102	000225:45:x	/	25
50	0,68	0,53	57	57	0,47	140-050-102	000225:50:x	/	25
51	0,67	0,52	58	58	0,48	140-051-102	000225:51:x	5/10/15	25
55	0,62	0,44	63	63	0,54	140-055-102	000225:55:x	/	25

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no	**new article no.	stock length	max. production lengths
	bar	bar	mm	mm	kg			m	m
60	0,56	0,44	68	68	0,56	140-060-102	000225:60:x	5/10	25
65	0,5	0,37	73	73	0,68	140-065-102	000225:65:x	/	25
70	0,45	0,37	78	78	0,72	140-070-102	000225:70:x	/	25
75	0,45	0,3	83	83	0,75	140-075-102	000225:75:x	/	25
76	0,45	0,29	84	84	0,76	140-076-102	000225:76:x	5/10	25
80	0,39	0,29	88	88	0,8	140-080-102	000225:80:x	5/10/15	25
90	0,34	0,22	99	99	0,93	140-090-102	000225:90:x	/	25
100	0,34	0,22	108	108	0,99	140-100-102	000225:100:x	/	25
102	0,34	0,22	110	110	1	140-102-102	000225:102:x	5/10	25
110	0,28	0,22	119	119	1,09	140-110-102	000225:110:x	5/10	25
115	0,28	0,22	124	124	1,12	140-115-102	000225:115:x	/	25
120	0,28	0,22	129	129	1,18	140-120-102	000225:120:x	5/10	25
125	0,28	0,22	133	133	1,23	140-125-102	000225:125:x	/	25
127	0,28	0,22	135	135	1,25	140-127-102	000225:127:x	/	25
130	0,22	0,22	139	139	1,27	140-130-102	000225:130:x	/	25
140	0,22	0,15	149	149	1,46	140-140-102	000225:140:x	/	25
150	0,22	0,15	159	159	1,54	140-150-102	000225:150:x	/	25
152	0,22	0,15	161	161	1,56	140-152-102	000225:152:x	5/10	25
160	0,22	0,15	170	170	1,84	140-160-102	000225:160:x	5/10	25
170	0,17	0,15	180	180	1,9	140-170-102	000225:170:x	/	25
175	0,17	0,15	185	185	1,95	140-175-102	000225:175:x	/	25
180	0,17	0,15	190	190	2,01	140-180-102	000225:180:x	/	25
200	0,17	0,15	210	210	2,38	140-200-102	000225:200:x	/	25
203	0,17	0,15	214	214	2,43	140-203-102	000225:203:x	5/10	25
225	0,11	0,07	235	235	2,69	140-225-102	000225:225:x	/	25
250	0,11	0,07	256	256	3,12	140-250-102	000225:250:x	5/10	25
254	0,11	0,07	260	260	3,19	140-254-102	000225:254:x	/	25
275	0,11	0,07	284	284	3,28	140-275-102	000225:275:x	/	25
300	0,1	0,07	310	310	3,38	140-300-102	000225:300:x	/	20
315	0,1	0,07	325	325	3,5	140-315-102	000225:315:x	/	20
325	0,1	0,07	335	335	3,59	140-325-102	000225:325:x	/	20
350	0,05	0,07	360	360	3,8	140-350-102	000225:350:x	/	20
400	0,05	0,05	410	411	4,7	140-400-102	000225:400:x	/	20
450	0,05	0,05	460	461	5,34	140-450-102	000225:450:x	/	20
500	0,05	0,05	510	511	6,02	140-500-102	000225:500:x	/	20

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.



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