Master-PUR L MHR A

PU Suction & Transport Hose, light duty, highly flexible, microbe & hydrolysis-resistant, antistatic, surface resistance < 10^9 Ohm

Technical Drawing

Connections

Construction

Material

- spiral: spring steel wire
- wall: pure polyether polyurethane with non-migratory permanent antistatic agent
- wall thickness between spirals approx. 0.7 mm

Applications

- Suction/extraction of paper and textile fibres
- Suction & transport hose for abrasive solids, for which microbe and hydrolisis resistance is required
- Transport of fine-grained particles, such as dust and powder
- Protective hose against mechanical wear
- Oil mist extraction/suction

Properties

- acc. to DIN 26057
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- permanently antistatic, surface resistance < 10^{9} Ohm, measured according to DIN EN ISO 8031
- microbe and hydrolysis-resistant
- light
- very good flexibility
- smallest bending radii
- halogen free
- optimum flow characteristics
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance
- approved according to TRGS 727 and ATEX 2014/34 EU. Details according to certificate.
- acc. to DIN 26057

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	stock length	max. production length
	bar	bar	mm	mm	kg		m	m
25	3,23	0,8	30	30	0,24	000015:25:x	/	25
26	3,22	0,79	31	31	0,25	000015:26:x	/	25
32	2,52	0,71	40	40	0,35	000015:32:x	/	25
38	2,1	0,66	46	46	0,39	000015:38:x	/	25
40	2,1	0,66	48	48	0,40	000015:40:x	/	25
45	1,84	0,59	53	53	0,42	000015:45:x	/	25
50	1,71	0,53	57	57	0,45	000015:50:x	/	25
51	1,68	0,52	58	58	0,45	000015:51:x	/	25
55	1,54	0,44	63	63	0,51	000015:55:x	/	25
60	1,4	0,44	68	68	0,53	000015:60:x	/	25
65	1,26	0,37	73	73	0,64	000015:65:x	/	25
70	1,12	0,37	78	78	0,68	000015:70:x	/	25
75	1,12	0,3	83	83	0,71	000015:75:x	/	25
76	1,12	0,29	84	84	0,72	000015:76:x	/	25
80	0,98	0,29	88	88	0,76	000015:80:x	/	25
90	0,84	0,22	99	99	0,88	000015:90:x	/	25
100	0,84	0,22	108	108	0,94	000015:100:x	/	25
102	0,84	0,22	110	110	0,95	000015:102:x	/	25
110	0,7	0,22	119	119	1,03	000015:110:x	/	25
115	0,7	0,22	124	124	1,06	000015:115:x	/	25
120	0,7	0,22	129	129	1,12	000015:120:x	/	25
125	0,7	0,22	133	133	1,16	000015:125:x	/	25
127	0,7	0,22	135	135	1,18	000015:127:x	/	25
130	0,56	0,22	139	139	1,20	000015:130:x	/	25
140	0,56	0,15	149	149	1,38	000015:140:x	/	25
150	0,56	0,15	159	159	1,46	000015:150:x	/	25
152	0,56	0,15	161	161	1,48	000015:152:x	/	25

160	0,56	0,15	170	170	1,74	000015:160:x	/	25
170	0,42	0,15	180	180	1,80	000015:170:x	/	25
175	0,42	0,15	185	185	1,85	000015:175:x	/	25
180	0,42	0,15	190	190	1,90	000015:180:x	/	25
200	0,42	0,15	211	211	2,25	000015:200:x	/	25
203	0,42	0,15	214	214	2,30	000015:203:x	/	25
225	0,28	0,07	235	235	2,55	000015:225:x	/	25
250	0,28	0,07	260	260	3,02	000015:250:x	/	25
254	0,28	0,07	264	264	3,03	000015:254:x	/	25
275	0,28	0,07	284	284	3,11	000015:275:x	/	25
280	0,28	0,07	290	290	3,14	000015:280:x	/	25
300	0,25	0,07	310	310	3,20	000015:300:x	/	20
315	0,25	0,07	325	325	3,32	000015:315:x	/	20
325	0,25	0,07	335	335	3,40	000015:325:x	/	20
350	0,13	0,07	360	360	3,60	000015:350:x	/	20
375	0,13	0,05	386	386	3,85	000015:375:x	/	20
400	0,13	0,05	410	411	4,45	000015:400:x	/	20
450	0,13	0,05	460	461	5,06	000015:450:x	/	20
500	0,13	0,05	510	511	5,70	000015:500: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.

Available on request

- Available on request in the above listed lengths, sizes and colours. Alternatively, also available with print.