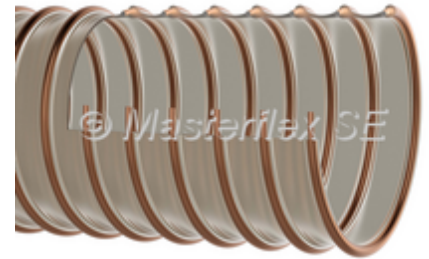


# Master-PUR H MHR

## PU Suction & Transport Hose, medium duty, microbe/hydrolysis-resistant



### Technical Drawing



### Connections



### Construction



### Material

- spiral: spring steel wire
- wall: pure polyether polyurethane
- wall thickness between spirals approx. 1.4 mm

### Applications

- Suction & transport hose for abrasive solids, for which microbe and hydrolysis resistance is required
- Granulate transport hose
- Standard hose for industrial vacuum cleaners
- Transport of chips/shavings
- Oil mist extraction/suction
- Suction and transport of paper fibres

### Properties

- acc. to DIN 26057
- good flexibility
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- medium duty
- small bending radius
- halogen free
- optimum flow characteristics
- microbe and hydrolysis-resistant
- increased pressure and vacuum resistance
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance
- 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

- -40°C to +90°C
- peaks to +125°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 length
	bar	bar	mm	mm	kg			m	m
16	4,5	0,92	40	22	0,2	111-016-498	000064:16:x	/	25
20	4,3	0,92	43	26	0,22	111-020-498	000064:20:x	/	25
25	4,18	0,92	46	32	0,28	111-025-498	000064:25:x	/	25
26	4,16	0,92	47	33	0,29	111-026-498	000064:26:x	/	25
32	3,25	0,92	60	41	0,39	111-032-498	000064:32:x	/	25
38	3,12	0,82	69	47	0,46	111-038-498	000064:38:x	/	25
40	3	0,82	72	49	0,52	111-040-498	000064:40:x	/	25
45	2,95	0,81	80	55	0,55	111-045-498	000064:45:x	/	25
50	2,91	0,79	86	60	0,68	111-050-498	000064:50:x	/	25
51	2,9	0,79	87	61	0,71	111-051-498	000064:51:x	/	25
55	2,75	0,76	95	65	0,77	111-055-498	000064:55:x	/	25
60	2,55	0,74	102	70	0,82	111-060-498	000064:60:x	/	25
65	2,4	0,66	112	75	0,91	111-065-498	000064:65:x	/	25
70	2,25	0,66	117	80	0,97	111-070-498	000064:70:x	/	25
75	2,04	0,6	125	86	1,05	111-075-498	000064:75:x	/	25
76	2	0,59	126	87	1,03	111-076-498	000064:76:x	/	25
80	2	0,59	132	91	1,11	111-080-498	000064:80:x	/	25
90	1,65	0,52	149	101	1,25	111-090-498	000064:90:x	/	25
100	1,53	0,45	162	110	1,44	111-100-498	000064:100:x	/	25
102	1,5	0,44	165	112	1,48	111-102-498	000064:102:x	5/10	25
110	1,35	0,44	179	121	1,61	111-110-498	000064:110:x	/	25
115	1,35	0,31	186	126	1,68	111-115-498	000064:115:x	/	25
120	1,3	0,31	194	131	1,75	111-120-498	000064:120:x	/	25
125	1,3	0,31	200	136	1,86	111-125-498	000064:125:x	/	25
127	1,3	0,31	203	138	1,91	111-127-498	000064:127:x	/	25
130	1,3	0,31	209	141	1,96	111-130-498	000064:130:x	/	25
140	1,05	0,25	224	151	2,02	111-140-498	000064:140:x	/	25
150	1,05	0,25	239	161	2,09	111-150-498	000064:150:x	/	25
152	1,05	0,25	242	163	2,1	111-152-498	000064:152:x	/	25
160	0,9	0,25	255	171	2,35	111-160-498	000064:160:x	/	25

170	0,9	0,18	270	181	2,67	111-170-498	000064:170:x	/	25
175	0,9	0,18	278	186	2,74	111-175-498	000064:175:x	/	25
180	0,75	0,18	285	191	2,82	111-180-498	000064:180:x	/	25
200	0,75	0,18	316	212	3,41	111-200-498	000064:200:x	/	25
203	0,75	0,18	321	215	3,5	111-203-498	000064:203:x	/	25
225	0,6	0,12	353	237	3,65	111-225-498	000064:225:x	/	25
250	0,6	0,12	390	263	3,84	111-250-498	000064:250:x	/	25
254	0,58	0,12	396	267	3,84	111-254-498	000064:254:x	/	25
275	0,45	0,12	426	288	4,22	111-275-498	000064:275:x	/	25
280	0,45	0,12	435	293	4,3	111-280-498	000064:280:x	/	25
300	0,45	0,12	465	313	4,94	111-300-498	000064:300:x	/	20
315	0,45	0,12	488	328	5,19	111-315-498	000064:315:x	/	20
325	0,45	0,12	503	338	5,35	111-325-498	000064:325:x	/	20
350	0,45	0,12	540	363	6,96	111-350-498	000064:350:x	/	20
400	0,3	0,07	615	413	7,95	111-400-498	000064:400:x	/	20
450	0,3	0,07	690	463	8,94	111-450-498	000064:450:x	/	20
500	0,3	0,07	765	513	9,93	111-500-498	000064:500: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.