

Master-PUR H Food

PU Suction & Transport Hose, medium duty, very flexible, food-grade quality acc. to EU 10/2011 and FDA



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire (stainless steel 1.4310)
- wall: pure polyether polyurethane, food-grade quality (FDA)
- wall thickness between spirals approx. 1.4 mm

Applications

- Food industry
- Pharmaceutical industry
- Chemicals industry

Properties

- The hose conforms with EU Guideline 10/2011
- Approved for food-grade categories: A, B, C, D1, D2, E (contact durations acc. to Test Report)
- materials comply with the following food regulations:
 - FDA 21 CFR §177.2600
 - FDA 21 CFR §178.2010
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- Manufacturing process according to GMP EC 2023/2006
- small bending radius
- good flexibility
- medium duty
- abrasion-resistant
- mostly smooth inner lining
- odourless/tasteless
- increased pressure and vacuum resistance
- microbe and hydrolysis-resistant
- optimum flow characteristics
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance
- halogen and plasticizer-free

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
20	4,3	0,92	45	28	0,23	000067:20:x	5/10	25
25	4,16	0,92	50	33	0,28	000067:25:x	/	25
26	4,16	0,92	47	33	0,29	000067:26:x	5/10	25
30	3,51	0,92	56	39	0,37	000067:30:x	/	25
32	3,25	0,92	60	41	0,39	000067:32:x	5/10	25
38	3,12	0,82	70	47	0,46	000067:38:x	5/10	25
40	3	0,82	70	49	0,49	000067:40:x	5/10	25
45	2,95	0,81	80	55	0,55	000067:45:x	/	25
50	2,9	0,8	86	60	0,68	000067:50:x	/	25
51	2,9	0,79	87	61	0,71	000067:51:x	5/10	25
55	2,75	0,76	95	65	0,77	000067:55:x	/	25
60	2,55	0,74	105	70	0,84	000067:60:x	5/10	25
65	2,4	0,66	115	75	0,91	000067:65:x	5/10	25
70	2,25	0,66	120	80	0,97	000067:70:x	5/10	25
75	2	0,6	124	86	1,05	000067:75:x	/	25
76	2	0,59	125	87	1,06	000067:76:x	5/10	25
80	2	0,59	135	91	1,11	000067:80:x	5/10	25
90	1,65	0,52	149	101	1,25	000067:90:x	/	25
100	1,5	0,45	163	110	1,44	000067:100:x	/	25
102	1,5	0,44	165	112	1,48	000067:102:x	5/10	25
115	1,35	0,31	186	126	1,68	000067:115:x	/	25
120	1,3	0,31	195	131	1,75	000067:120:x	/	25
125	1,3	0,31	203	136	1,86	000067:125:x	/	25
127	1,3	0,31	205	138	1,91	000067:127:x	10	25
130	1,3	0,31	209	141	1,96	000067:130:x	/	25
140	1,05	0,25	224	151	2,11	000067:140:x	/	25
150	1,05	0,25	243	161	2,26	000067:150:x	/	25
152	1,05	0,25	245	163	2,29	000067:152:x	5/10	25

160	0,9	0,25	255	171	2,51	000067:160:x	/	25
170	0,9	0,18	255	181	2,67	000067:170:x	/	25
175	0,9	0,18	255	186	2,74	000067:175:x	/	25
180	0,75	0,18	285	191	2,82	000067:180:x	/	25
200	0,75	0,18	320	212	3,41	000067:200:x	/	25
203	0,75	0,18	325	215	3,5	000067:203:x	/	25
250	0,73	0,18	372	362	4,5	000067:250:x	/	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 and colours, with print.