

Master-PUR H Food A Multi

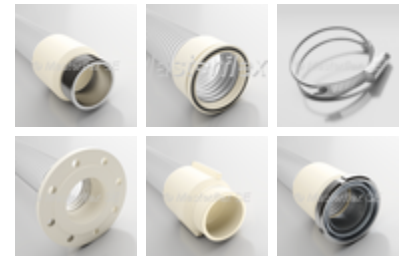
PU Suciton & Transport Hose, medium duty, very flexible, food-grade quality acc. to EU 10/2011 and FDA, permanently antistatic



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire (stainless steel 1.4310)
- wall: pure polyether polyurethane, food-grade (FDA), with non-migratory permanent antistatic agent
- wall thickness between spirals approx. 1.4 mm

Applications

- Pharmaceutical industry
- Chemicals industry
- Food 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)
- The material of the wall complies with the FDA food regulations 21 CFR §

177.1680 and 21 CFR § 177.2600

- good flexibility
- medium duty
- small bending radius
- approved acc. to TRGS 727 and ATEX 2014/34 EU. [Details acc. to certificate](#)
- permanently antistatic, surface resistance < 10⁹ Ohm
- halogen free
- optimum flow characteristics
- abrasion-resistant
- mostly smooth inner lining
- odourless/tasteless
- microbe and hydrolysis-resistant
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance

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
32	3,25	0,92	60	41	0,39	111-032-571	000076:32:x	5/10	25
38	3,12	0,82	70	47	0,46	111-038-571	000076:38:x	5/10	25
40	3	0,82	70	49	0,49	111-040-571	000076:40:x	5/10	25
45	2,95	0,81	80	55	0,55	111-045-571	000076:45:x	/	25
50	2,9	0,8	86	60	0,68	111-050-571	000076:50:x	/	25
51	2,9	0,79	87	61	0,71	111-051-571	000076:51:x	5/10/15	25
55	2,75	0,76	95	65	0,77	111-055-571	000076:55:x	/	25
60	2,55	0,74	105	70	0,84	111-060-571	000076:60:x	/	25
65	2,4	0,66	115	75	0,91	111-065-571	000076:65:x	5/10	25
70	2,25	0,66	120	80	0,97	111-070-571	000076:70:x	/	25
75	2	0,6	124	86	1,05	111-075-571	000076:75:x	/	25
76	2	0,59	125	87	1,06	111-076-571	000076:76:x	5/10	25
80	2	0,59	135	91	1,11	111-080-571	000076:80:x	5/10	25
90	1,65	0,52	149	101	1,25	111-090-571	000076:90:x	/	25
100	1,5	0,45	163	110	1,44	111-100-571	000076:100:x	/	25
102	1,5	0,44	165	112	1,48	111-102-571	000076:102:x	5/10	25
115	1,35	0,31	186	126	1,68	111-115-571	000076:115:x	/	25
120	1,3	0,31	195	131	1,75	111-120-571	000076:120:x	/	25
125	1,3	0,31	203	136	1,86	111-125-571	000076:125:x	/	25
127	1,3	0,31	205	138	1,91	111-127-571	000076:127:x	5/10	25
130	1,3	0,31	209	141	1,96	111-130-571	000076:130:x	/	25
140	1,05	0,25	224	151	2,11	111-140-571	000076:140:x	/	25
150	1,05	0,25	243	161	2,26	111-150-571	000076:150:x	/	25
152	1,05	0,25	245	163	2,29	111-152-571	000076:152:x	/	25
160	0,9	0,25	255	171	2,51	111-160-571	000076:160:x	/	25
170	0,9	0,18	255	181	2,67	111-170-571	000076:170:x	/	25
175	0,9	0,18	255	186	2,74	111-175-571	000076:175:x	/	25

180	0,75	0,18	285	191	2,82	111-180-571	000076:180:x	/	25
200	0,75	0,18	320	212	3,41	111-200-571	000076:200:x	/	25
203	0,75	0,18	325	215	3,5	111-203-571	000076:203: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 the above listed lengths, sizes and colours.
Alternatively, also available with print.