

## Master-PUR L Food A Multi

**PU Suction & Transport Hose, light duty, highly 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. 0.7 mm

### Applications

- Pharmaceutical industry
- Chemicals industry
- Food industry

### Properties

- zugelassen für Lebensmittelkategorie: A, B, C, D2, E (Kontaktzeiten gemäß Prüfbericht)
- Manufacturing process according to GMP EC 2023/2006
- The hose conforms with EU Guideline 10/2011
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- The material of the wall complies with the FDA food regulations 21 CFR § 177.1680 and 21 CFR § 177.2600
- smallest bending radii
- approved acc. to TRGS 727 and ATEX 2014/34 EU. [Details acc. to certificate](#)
- permanently antistatic, surface resistance <math> < 10^9 </math> Ohm
- light
- very good flexibility
- halogen free
- optimum flow characteristics
- abrasion-resistant
- microbe and hydrolysis-resistant
- mostly smooth inner lining
- odourless/tasteless
- good chemical resistance
- generally good UV and ozone resistance
- high tensile strength

### 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	2,52	0,71	40	40	0,35	110-032-571	000013:32:x	/	25
38	2,1	0,66	46	46	0,39	110-038-571	000013:38:x	/	25
40	2,1	0,66	48	48	0,4	110-040-571	000013:40:x	/	25
45	1,84	0,59	53	53	0,44	110-045-571	000013:45:x	/	25
50	1,71	0,53	57	57	0,45	110-050-571	000013:50:x	/	25
51	1,68	0,52	58	58	0,45	110-051-571	000013:51:x	5/10/15	25
55	1,54	0,44	63	63	0,54	110-055-571	000013:55:x	/	25
60	1,4	0,44	68	68	0,53	110-060-571	000013:60:x	/	25
65	1,26	0,37	75	73	0,64	110-065-571	000013:65:x	/	25
70	1,12	0,37	80	78	0,68	110-070-571	000013:70:x	/	25
75	1,12	0,3	84	83	0,71	110-075-571	000013:75:x	/	25
76	1,12	0,29	85	84	0,72	110-076-571	000013:76:x	/	25
80	0,98	0,29	90	88	0,76	110-080-571	000013:80:x	/	25
90	0,84	0,22	99	99	0,88	110-090-571	000013:90:x	/	25
100	0,84	0,22	108	108	0,94	110-100-571	000013:100:x	/	25
102	0,84	0,22	110	110	0,95	110-102-571	000013:102:x	/	25
110	0,7	0,22	119	119	1,23	110-110-571	000013:110:x	/	25
115	0,7	0,22	124	124	1,28	110-115-571	000013:115:x	/	25
120	0,7	0,22	130	129	1,12	110-120-571	000013:120:x	/	25
125	0,7	0,22	133	133	1,16	110-125-571	000013:125:x	/	25
127	0,7	0,22	135	135	1,18	110-127-571	000013:127:x	/	25
130	0,56	0,22	141	140	1,23	110-130-571	000013:130:x	/	25
140	0,56	0,15	153	150	1,4	110-140-571	000013:140:x	/	25
150	0,56	0,15	163	159	1,57	110-150-571	000013:150:x	/	25
152	0,56	0,15	165	161	1,6	110-152-571	000013:152:x	/	25
160	0,56	0,15	170	170	1,74	110-160-571	000013:160:x	/	25
175	0,42	0,15	185	185	1,85	110-175-571	000013:175:x	/	25

180	0,42	0,15	190	190	1,9	110-180-571	000013:180:x	/	25
200	0,42	0,15	212	212	2,25	110-200-571	000013:200:x	/	25
203	0,42	0,15	215	214	2,3	110-203-571	000013:203: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.