

Master-PUR H Food A

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

Material

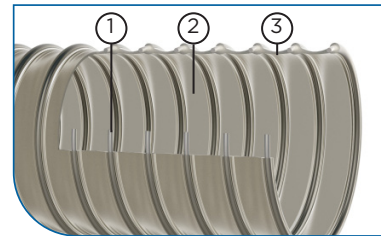
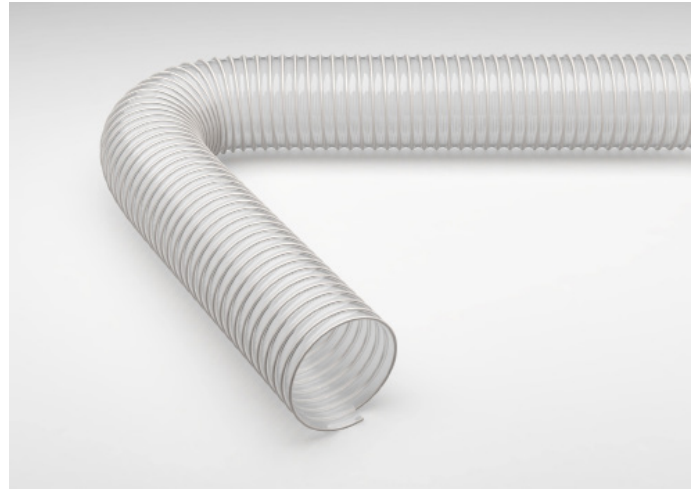
- 1 spiral: spring steel wire (stainless steel 1.4310)
- 2 wall: pure polyether polyurethane, food-grade (FDA), with non-migratory permanent antistatic agent
- 3 wall thickness between spirals approx. 1.4 mm

Applications

- pharmaceutical industry
- chemicals industry
- food industry

Properties

- the hose conforms with EU Guideline 10/2011
- approved for food-grade category: E (contact duration 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
- small bending radius
- medium duty
- permanently antistatic, surface resistance < 10⁹ Ohm
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- abrasion-resistant
- mostly smooth inner lining
- odourless/tasteless
- microbe and hydrolysis-resistant
- halogen and plasticizer-free
- optimum flow characteristics
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance

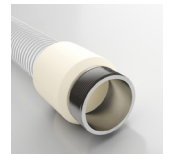


Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	new article no.	standard length	max. production length
mm	bar	bar	mm	mm	kg			m	m
20*	4.3	0.92	45	28	0.23	111FA-020-x	000068-020-x	10	25
26*	4.16	0.92	50	33	0.3	111FA-026-x	000068-026-x	10	25
30*	3.51	0.92	56	39	0.37	111FA-030-x	000068-030-x	10	25
32	3.25	0.92	60	41	0.39	111FA-032-x	000068-032-x	10	25
38	3.12	0.82	70	47	0.46	111FA-038-x	000068-038-x	10	25
40	3	0.82	70	49	0.49	111FA-040-x	000068-040-x	10	25
45*	2.95	0.81	80	55	0.55	111FA-045-x	000068-045-x	10	25
50*	2.9	0.8	86	60	0.68	111FA-050-x	000068-050-x	10	25
51	2.9	0.79	87	61	0.71	111FA-051-x	000068-051-x	10	25
55*	2.75	0.76	95	65	0.77	111FA-055-x	000068-055-x	10	25
60	2.55	0.74	105	70	0.84	111FA-060-x	000068-060-x	10	25
65	2.4	0.66	115	75	0.91	111FA-065-x	000068-065-x	10	25
70*	2.25	0.66	120	80	0.97	111FA-070-x	000068-070-x	10	25
75*	2	0.6	124	86	1.05	111FA-075-x	000068-075-x	10	25
76*	2	0.59	125	87	1.06	111FA-076-x	000068-076-x	10	25
80	2	0.59	135	91	1.11	111FA-080-x	000068-080-x	10	25
90*	1.65	0.52	149	101	1.25	111FA-090-x	000068-090-x	10	25
100*	1.5	0.45	163	110	1.44	111FA-100-x	000068-100-x	10	25
102	1.5	0.44	165	112	1.48	111FA-102-x	000068-102-x	10	25
115*	1.35	0.31	186	126	1.68	111FA-115-x	000068-115-x	10	25
120*	1.3	0.31	195	131	1.75	111FA-120-x	000068-120-x	10	25
125*	1.3	0.31	203	136	1.86	111FA-125-x	000068-125-x	10	25
127*	1.3	0.31	205	138	1.91	111FA-127-x	000068-127-x	10	25
130*	1.3	0.31	209	141	1.96	111FA-130-x	000068-130-x	10	25
140*	1.05	0.25	224	151	2.11	111FA-140-x	000068-140-x	10	25
150*	1.05	0.25	243	161	2.26	111FA-150-x	000068-150-x	10	25
152*	1.05	0.25	245	163	2.29	111FA-152-x	000068-152-x	10	25
160*	0.9	0.25	255	171	2.51	111FA-160-x	000068-160-x	10	25
170*	0.9	0.18	255	181	2.67	111FA-170-x	000068-170-x	10	25
175*	0.9	0.18	255	186	2.74	111FA-175-x	000068-175-x	10	25
180*	0.75	0.18	285	191	2.82	111FA-180-x	000068-180-x	10	25
200*	0.75	0.18	320	212	3.41	111FA-200-x	000068-200-x	10	25
203*	0.75	0.18	325	215	3.5	111FA-203-x	000068-203-x	10	25

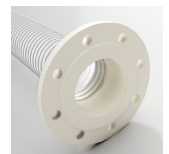
All data refers to a medium and ambient temperature of +20 °C.
 * Available on request
 Subject to technical changes and colour deviations.



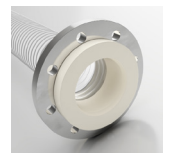
Combiflex PU Cast-On Connectors, Food



Master-Grip Double-Wire Clamp



Combiflex PU Fixed Flange Food



Combiflex PU Swivel Flange Food



Combiflex PU Threaded Sockets Food