

Master-PUR L Food A

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

Material

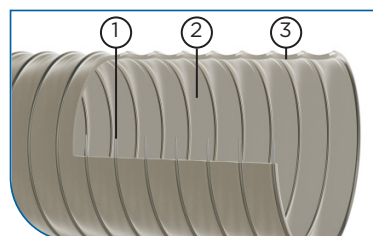
- 1 spiral: anti-rust spring steel wire (material no. 1.4310)
- 2 wall: pure polyether polyurethane, food-grade (FDA), with non-migratory permanent antistatic agent
- 3 wall thickness between spirals approx. 0.7 mm

Applications

- pharmaceutical industry
- chemicals industry
- food industry

Properties

- EU guidelines EU 10/2011 and most recent amending directives
- 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
- permanently antistatic, surface resistance $R_o < 10^9$ Ohm, measured acc. to DIN EN ISO 8031
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- light-duty
- very good flexibility
- smallest bending radius
- abrasion-resistant
- optimum flow characteristics
- mostly smooth inner lining
- odourless/tasteless
- microbe and hydrolysis-resistant
- halogen and plasticizer-free
- generally good UV and ozone resistance
- good chemical resistance
- high tensile strength



Temperature Range

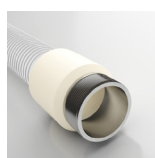
- -40°C to +90°C
- peaks to +125°C

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
32*	2.52	0.71	40	40	0.35	110FA-032-x	000014-032-x	10	25
38*	2.1	0.66	46	46	0.39	110FA-038-x	000014-038-x	10	25
40	2.1	0.66	48	48	0.4	110FA-040-x	000014-040-x	10	25
45*	1.84	0.59	53	53	0.44	110FA-045-x	000014-045-x	10	25
50*	1.71	0.53	57	57	0.45	110FA-050-x	000014-050-x	10	25
51	1.68	0.52	58	58	0.45	110FA-051-x	000014-051-x	10	25
55*	1.54	0.44	63	63	0.54	110FA-055-x	000014-055-x	10	25
60*	1.4	0.44	68	68	0.53	110FA-060-x	000014-060-x	10	25
65	1.26	0.37	75	73	0.64	110FA-065-x	000014-065-x	10	25
70*	1.12	0.37	80	78	0.68	110FA-070-x	000014-070-x	10	25
75*	1.12	0.3	84	83	0.71	110FA-075-x	000014-075-x	10	25
76*	1.12	0.29	85	84	0.72	110FA-076-x	000014-076-x	10	25
80	0.98	0.29	90	88	0.76	110FA-080-x	000014-080-x	10	25
90*	0.84	0.22	99	99	0.88	110FA-090-x	000014-090-x	10	25
100*	0.84	0.22	108	108	0.94	110FA-100-x	000014-100-x	10	25
102	0.84	0.22	110	110	0.95	110FA-102-x	000014-102-x	10	25
110*	0.7	0.22	119	119	1.23	110FA-110-x	000014-110-x	10	25
115*	0.7	0.22	124	124	1.28	110FA-115-x	000014-115-x	10	25
120*	0.7	0.22	130	129	1.12	110FA-120-x	000014-120-x	10	25
125*	0.7	0.22	133	133	1.16	110FA-125-x	000014-125-x	10	25
127*	0.7	0.22	135	135	1.18	110FA-127-x	000014-127-x	10	25
130*	0.56	0.22	141	140	1.23	110FA-130-x	000014-130-x	10	25
140*	0.56	0.15	153	150	1.4	110FA-140-x	000014-140-x	10	25
150*	0.56	0.15	163	159	1.57	110FA-150-x	000014-150-x	10	25
152*	0.56	0.15	165	161	1.6	110FA-152-x	000014-152-x	10	25
160*	0.56	0.15	170	170	1.74	110FA-160-x	000014-160-x	10	25
175*	0.42	0.15	185	185	1.85	110FA-175-x	000014-175-x	10	25
180*	0.42	0.15	190	190	1.9	110FA-180-x	000014-180-x	10	25
200*	0.42	0.15	212	212	2.25	110FA-200-x	000014-200-x	10	25
203*	0.42	0.15	215	214	2.3	110FA-203-x	000014-203-x	10	25

All data refers to a medium and ambient temperature of +20 °C.

* Available on request

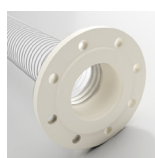
Subject to technical changes and colour deviations.



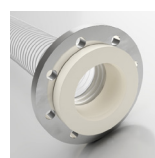
Combiflex PU Cast-On Connectors, Food



Master-Grip Double-Wire Clamp



Combiflex PU Fixed Flange Food



Combiflex PU Swivel Flange Food



Combiflex PU Threaded Sockets Food