

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

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

Areas of Application

- food industry
- pharmaceutical industry
- chemicals industry

Forms of Delivery

- available on request in other lengths, sizes.

Temperature Range

- -40°C to +90°C
- peaks to +125°C

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 $R_0 < 10^9$ 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 radii
- 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

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DN	op. pressure c. bar	vacuum c. mmWG	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
32	2,52	7100	40	40	0,35	110FA-032-1000	/
38	2,10	6600	50	46	0,39	110FA-038-1000	/
40	2,10	6600	50	48	0,40	110FA-040-1000	10m
50	1,68	5200	58	58	0,45	110FA-050-1000	10m
60	1,4	4400	70	68	0,53	110FA-060-1000	/
65	1,26	3700	75	73	0,61	110FA-065-1000	10m
70	1,12	3700	80	78	0,68	110FA-070-1000	/
75	1,12	2900	85	84	0,72	110FA-075-1000	/
80	0,98	2900	90	88	0,76	110FA-080-1000	10m
100	0,84	2200	110	110	0,95	110FA-100-1000	10m
120	0,70	2200	130	129	1,12	110FA-120-1000	/
125	0,70	2200	135	135	1,18	110FA-125-1000	/
150	0,56	1500	165	161	1,60	110FA-150-1000	/
160	0,56	1500	170	170	1,74	110FA-160-1000	/
180	0,42	1500	190	190	1,90	110FA-180-1000	/
200	0,42	1500	215	214	2,30	110FA-200-1000	/

All data refers to an ambient temperature of +20 °C
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths, sizes.
 Subject to technical changes and colour deviations.



Hose Reducer,
symmetrical



Combiflex PU Cast-On
Connectors, Food



Heat-Shrink Cuff



Hose Connector



Master-Grip Hose Clamp,
screwable