

Master-PUR L-F Food

PU Film Hose, lightweight, extremely flexible, food-grade quality acc. to EU 10/2011 and FDA



Material

spiral: spring steel wire (stainless steel 1.4310)
 wall: pure polyether polyurethane, food-grade quality (FDA)
 wall thickness between spirals approx. 0.5 mm

Applications

- pharmaceutical industry
- chemicals industry
- food industry

Available on request

- available on request in other lengths, sizes.

Temperature Range

- -40°C to +90°C
- peaks to +125°C

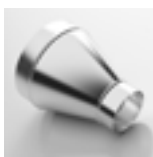
Properties

- 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)
- materials comply with the following food regulations:
 - FDA 21 CFR §177.2600
 - FDA 21 CFR §178.2010
- abrasion-resistant
- highly flexible
- very light
- odourless/tasteless
- microbe and hydrolysis-resistant
- smallest bending radii
- halogen and plasticizer-free
- optimum flow characteristics
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.

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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
50	0,78	2000	25	57	0,34	310F-050-1000	10m
60	0,76	1900	35	68	0,35	310F-060-1000	/
70	0,61	1600	40	78	0,41	310F-070-1000	/
75	0,61	1300	43	83	0,53	310F-075-1000	10m
80	0,53	1300	45	88	0,53	310F-080-1000	/
90	0,46	900	50	99	0,60	310F-090-1000	/
100	0,46	900	55	108	0,69	310F-100-1000	10m
110	0,38	900	60	119	0,73	310F-110-1000	/
120	0,38	900	65	129	0,82	310F-120-1000	/
125	0,38	900	70	134	0,85	310F-125-1000	10m
150	0,30	600	80	159	1,02	310F-150-1000	10m
160	0,30	600	85	169	1,23	310F-160-1000	/
180	0,23	600	95	189	1,38	310F-180-1000	/
200	0,23	600	105	210	1,52	310F-200-1000	/
250	0,15	300	130	260	1,64	310F-250-1000	/

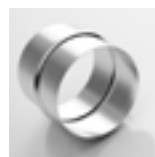
All data refers to an ambient temperature of +20 °C
 Available from stock in the above listed lengths and sizes.
 Non stock items are manufactured to order, lead time approx' 7 days.
 Subject to technical changes and colour deviations.



Hose Reducer,
symmetrical



Combiflex PU Cast-On
Connectors, Food



Hose Connector



Master-Grip Hose Clamp,
screwable



Master-Grip Quick-Fix
Clamp