

Master-PUR L-F Food

PU Suction & Transport Hose, super lightweight, Food-Grade Quality (FDA)



Material

wall: pure polyether polyurethane, food-grade quality (FDA)

spiral: anti-rust spring steel wire (material no. 1.4310)

wall thickness between spirals approx. 0.5 mm

Applications

- Pharmaceutical industry
- Suction & Transport Hose for the food industry
- Chemicals

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Properties

- halogen and plasticizer-free
- smallest bending radii
- good chemical resistance
- generally good UV and ozone resistance
- gas-tight
- increased pressure and vacuum resistance
- high tensile strength
- mostly smooth inner lining
- optimum flow characteristics
- acc. to TRBS 2153 (Zone 1, 21) for non-flammable dust/bulk solids and gases/liquids with low conductivity of electrostatic charges when earthed at both ends of the spiral
- extremely lightweight
- microbe and hydrolysis-resistant
- odourless/tasteless
- hoses comply with the following European food regulations:
 - EU Regulations 1935/2004, 10/2011 and 1282/2011
- materials comply with the following food regulations:
 - FDA 21 CFR §177.2600
 - FDA 21 CFR §178.2010

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	outer Ø c. mm	weight c. kg/m	article no.	stock length
40	0,82	2450	20	46	0,28	310-040-501	/
50	0,78	2050	25	57	0,34	310-050-501	10m
60	0,76	1900	35	68	0,35	310-060-501	/
70	0,61	1600	40	78	0,41	310-070-501	/
75	0,61	1300	43	83	0,53	310-075-501	/
80	0,53	1300	45	88	0,53	310-080-501	/
90	0,46	950	50	99	0,6	310-090-501	/
100	0,46	950	55	108	0,69	310-100-501	10m
110	0,38	950	60	119	0,73	310-110-501	/
120	0,38	950	65	129	0,82	310-120-501	10m
125	0,38	950	70	134	0,85	310-125-501	10m
150	0,3	650	80	159	1,02	310-150-501	10m
160	0,3	650	85	169	1,23	310-160-501	10m
180	0,23	650	95	189	1,38	310-180-501	10m
200	0,23	650	105	210	1,52	310-200-501	10m
250	0,15	300	130	260	1,49	310-250-501	/
300	0,14	285	155	310	1,78	310-300-501	/
315	0,14	270	162	325	1,87	310-315-501	/
350	0,12	250	180	360	2,44	310-350-501	/
400	0,12	250	210	410	3,04	310-400-501	/

All data refers to a media and ambient temperature of +20 °C
* refers to the inside of the hose
Available from stock in the above listed lengths and sizes.
Available on request in other lengths, sizes and colours, with print.
Subject to technical changes and colour deviations.