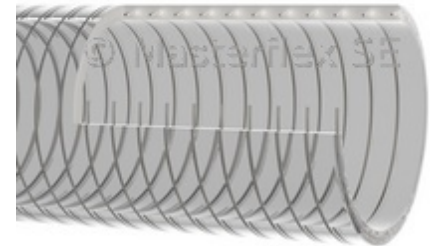


Polderflex PUR Food

PU Suction & Transport Hose, extremely pressure/vacuum-proof, smooth inner and outer linings, food-grade quality acc. to EU 10/2011 and FDA



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire (stainless steel 1.4310)
- wall: pure polyether polyurethane, food-grade quality (FDA)
- wall thickness 3-5 mm depending on DN

Applications

- Food industry
- Pharmaceutical industry
- Chemicals industry

Properties

- flexible
- 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

- Manufacturing process according to GMP EC 2023/2006
- extra heavyweight
- smooth inner and outer linings
- odourless/tasteless
- increased pressure and vacuum resistance
- microbe and hydrolysis-resistant
- optimum flow characteristics
- highly abrasion-resistant
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance
- halogen and plasticizer-free

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	stock length	max. production length
	bar	bar	mm	mm	kg		m	m
32	5,75	0,93	160	41,5	0,88	000188:32:x	/	20
38	5,625	0,93	190	47,5	1,03	000188:38:x	/	20
40	5,5	0,93	200	49,5	1,07	000188:40:x	/	20
50	5,27	0,93	245	61,5	1,23	000188:50:x	/	20
51	5,25	0,93	250	62,5	1,25	000188:51:x	/	20
60	5,125	0,93	300	71,5	1,44	000188:60:x	/	20
65	5,1	0,93	325	76,5	1,56	000188:65:x	/	20
70	5,05	0,93	350	81,5	1,77	000188:70:x	/	20
75	5,01	0,93	375	86,5	1,9	000188:75:x	/	20
76	5	0,93	380	87,5	1,92	000188:76:x	/	20
80	4,5	0,88	400	91,5	2,01	000188:80:x	/	20
100	4,16	0,86	580	111	3	000188:100:x	/	20
102	4,125	0,86	600	113	3,1	000188:102:x	/	20
125	3,32	0,66	692	136	3,79	000188:125:x	/	20
127	3,25	0,64	700	138,5	3,85	000188:127:x	/	20
150	2,22	0,44	792	162	4,53	000188:150:x	/	20
152	2,125	0,42	800	164	4,59	000188:152:x	/	20

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

* Refers to the inner hose lining

Subject to technical changes and colour deviations.

Available on request

- Available on request in the above listed lengths, sizes and colours. Alternatively, also available with print.