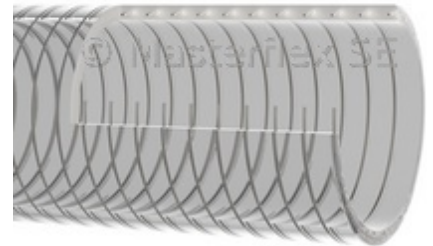


Polderflex PUR Food A

PU Suction & Transport Hose, extremely pressure/vacuum-proof, smooth inner and outer linings, permanently antistatic, 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 (FDA), with non-migratory permanent antistatic agent
- wall thickness 3-5 mm depending on DN

Applications

- Food industry
- Pharmaceutical industry
- Chemicals industry

Properties

- The hose conforms with EU Guideline 10/2011
- Approved for food-grade category: E (contact duration acc. to Test Report)
- approved according to TRGS 727 and ATEX 2014/34 EU. [Details according to certificate.](#)
- Manufacturing process according to GMP EC 2023/2006
- surface resistance $\leq 10^9$ Ohm

- The material of the wall complies with the FDA food regulations 21 CFR § 177.1680 and 21 CFR § 177.2600
- flexible
- extra heavyweight
- 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
- approved according to TRGS 727 and ATEX 2014/34 EU. [Details according to certificate.](#)

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	000189:32:x	/	20
38	5,625	0,93	190	47,5	1,03	000189:38:x	/	20
40	5,5	0,93	200	49,5	1,07	000189:40:x	/	20
50	5,27	0,93	245	61,5	1,23	000189:50:x	/	20
51	5,25	0,93	250	62,5	1,25	000189:51:x	2,5/5/7,5/10	20
60	5,125	0,93	300	71,5	1,44	000189:60:x	/	20
65	5,1	0,93	325	76,5	1,56	000189:65:x	5/10	20
70	5,05	0,93	350	81,5	1,77	000189:70:x	/	20
75	5,01	0,93	375	86,5	1,9	000189:75:x	/	20
76	5	0,93	380	87,5	1,92	000189:76:x	10	20
80	4,5	0,88	400	91,5	2,01	000189:80:x	10	20
100	4,16	0,86	580	111	3	000189:100:x	/	20
102	4,125	0,86	600	113	3,1	000189:102:x	2,5/5/7,5/10	20
125	3,32	0,66	692	136	3,79	000189:125:x	/	20
127	3,25	0,64	700	138,5	3,85	000189:127:x	/	20
150	2,22	0,44	792	162	4,53	000189:150:x	/	20
152	2,125	0,42	800	164	4,59	000189:152: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 other lengths, sizes and colours, with print.