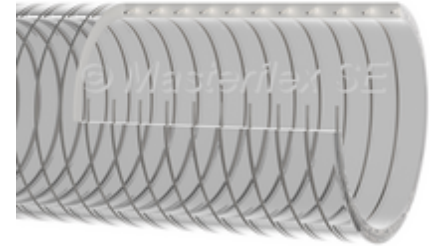


## Polderflex PUR Food

**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

- Pharmaceutical industry
- Chemicals industry
- Food industry

### 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
- extra heavyweight

- flexible
- smooth inner and outer linings
- halogen free
- optimum flow characteristics
- odourless/tasteless
- microbe and hydrolysis-resistant
- increased pressure and vacuum resistance
- good chemical resistance
- highly abrasion-resistant
- 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.

#### Temperature Range

- -40°C to +90°C
- peaks to +125°C

#### Product Variations (\*\*Please replace "x" with your desired hose length.)

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	**new article no.	stock length	max. production length
	bar	bar	mm	mm	kg			m	m
32	5,75	0,93	160	41,5	0,88	118-032-501	000188:32:x	/	20
38	5,625	0,93	190	47,5	1,03	118-038-501	000188:38:x	/	20
40	5,5	0,93	200	49,5	1,07	118-040-501	000188:40:x	/	20
50	5,27	0,93	245	61,5	1,23	118-050-501	000188:50:x	/	20
51	5,25	0,93	250	62,5	1,25	118-051-501	000188:51:x	/	20
60	5,125	0,93	300	71,5	1,44	118-060-501	000188:60:x	/	20
65	5,1	0,93	325	76,5	1,56	118-065-501	000188:65:x	/	20
70	5,05	0,93	350	81,5	1,77	118-070-501	000188:70:x	/	20
75	5,01	0,93	375	86,5	1,9	118-075-501	000188:75:x	/	20
76	5	0,93	380	87,5	1,92	118-076-501	000188:76:x	/	20
80	4,5	0,88	400	91,5	2,01	118-080-501	000188:80:x	/	20
100	4,16	0,86	580	111	3	118-100-501	000188:100:x	/	20
102	4,125	0,86	600	113	3,1	118-102-501	000188:102:x	/	20
125	3,32	0,66	692	136	3,79	118-125-501	000188:125:x	/	20
127	3,25	0,64	700	138,5	3,85	118-127-501	000188:127:x	/	20
150	2,22	0,44	792	162	4,53	118-150-501	000188:150:x	/	20
152	2,125	0,42	800	164	4,59	118-152-501	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.