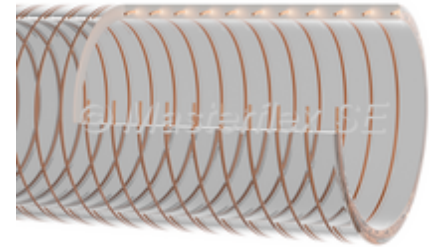


Polderflex PUR

PU Suction hose & Transport Hose, extremely pressure and vacuum resistant, smooth inner and outer linings



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire
- wall: pure polyester polyurethane (acc. to DIN ISO 4649 more abrasion-resistant in comparison to polyether polyurethane)
- wall thickness 3-5 mm depending on DN

Applications

- Suction/extraction of glass splinters, glass wool, mineral wool, slag, mill scale and sinter
- Suction & transport hose for quarries, cement works, shipyards and docks
- for highest standards of abrasion resistance and durability
- Refurbishment of rail systems
- Transport of gravel and rocks
- Suction & transport hose for the most extreme fields of application
- Transport hose for handling and conveying plants
- Working hose for silo vehicles and cargo depots

Properties

- extremely abrasion resistant, extra strong PU lining
- extra heavyweight
- flexible
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- excellent vacuum-resistance and good pressure-resistance
- highly durable, long service lives
- smooth inner and outer linings
- halogen free
- optimum flow characteristics
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance

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	118-032-101	000187:32:x	/	20
38	5,625	0,93	190	47,5	1,03	118-038-101	000187:38:x	/	20
40	5,5	0,93	200	49,5	1,07	118-040-101	000187:40:x	/	20
45	5,375	0,93	225	54,5	1,2	118-045-101	000187:45:x	/	20
50	5,27	0,93	246	61	1,24	118-050-101	000187:50:x	/	20
51	5,25	0,93	250	62,5	1,25	118-051-101	000187:51:x	2,5/5/7,5/10	20
60	5,125	0,93	300	71,5	1,44	118-060-101	000187:60:x	2,5/5/7,5/10	20
65	5,1	0,93	325	76,5	1,56	118-065-101	000187:65:x	/	20
70	5,05	0,93	350	81,5	1,77	118-070-101	000187:70:x	/	20
75	5	0,93	375	87	1,9	118-075-101	000187:75:x	/	20
76	5	0,93	380	87,5	1,92	118-076-101	000187:76:x	/	20
80	4,5	0,88	400	91,5	2,01	118-080-101	000187:80:x	/	20
100	4,16	0,86	580	111	3	118-100-101	000187:100x	/	20
102	4,125	0,86	600	113	3,1	118-102-101	000187:102:x	/	20
125	3,32	0,66	690	136,5	3,79	118-125-101	000187:125:x	/	20
127	3,25	0,64	700	138,5	3,85	118-127-101	000187:127:x	/	20
150	2,2	0,44	790	162	4,53	118-150-101	000187:150:x	/	20
152	2,125	0,42	800	164	4,59	118-152-101	000187:152: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.