

# Polderflex PUR

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

## Material

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

## Applications

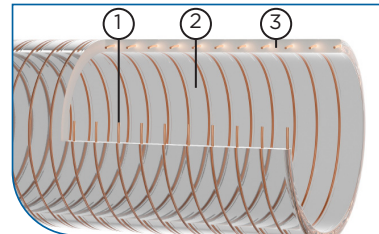
- suction/extraction of glass splinters, glass wool, mineral wool, slag, mill scale and sinter
- suction & transport hose for quarries, cement works, shipyards and docks
- for highest standards of abrasion resistance and durability
- refurbishment of rail systems
- transport of gravel and rocks
- suction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



Also available in antistatic version

## Properties

- extremely abrasion resistant, extra strong PU lining
- extra heavy weight
- flexible
- excellent vacuum-resistance and good pressure-resistance
- smooth inner and outer linings
- highly durable, long service lives
- halogen and plasticizer-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

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	new article no.	standard length	max. production length
mm	bar	bar	mm	mm	kg			m	m
32*	5.75	0.93	160	41.5	0.88	118-032-x	000187-032-x	10	20
38*	5.63	0.93	190	47.5	1.03	118-038-x	000187-038-x	10	20
40*	5.50	0.93	200	49.5	1.07	118-040-x	000187-040-x	10	20
45*	5.38	0.93	225	54.5	1.2	118-045-x	000187-045-x	10	20
50*	5.27	0.93	246	61	1.24	118-050-x	000187-050-x	10	20
51	5.25	0.93	250	62.5	1.25	118-051-x	000187-051-x	10	20
60	5.13	0.93	300	71.5	1.44	118-060-x	000187-060-x	10	20
65*	5.10	0.93	325	76.5	1.56	118-065-x	000187-065-x	10	20
70*	5.05	0.93	350	81.5	1.77	118-070-x	000187-070-x	10	20
75*	5.00	0.93	375	87	1.9	118-075-x	000187-075-x	10	20
76*	5.00	0.93	380	87.5	1.92	118-076-x	000187-076-x	10	20
80*	4.50	0.88	400	91.5	2.01	118-080-x	000187-080-x	10	20
100*	4.16	0.86	580	111	3	118-100-x	000187-100-x	10	20
102*	4.13	0.86	600	113	3.1	118-102-x	000187-102-x	10	20
125*	3.32	0.66	690	136.5	3.79	118-125-x	000187-125-x	10	20
127*	3.25	0.64	700	138.5	3.85	118-127-x	000187-127-x	10	20
150*	2.20	0.44	790	162	4.53	118-150-x	000187-150-x	10	20
152*	2.13	0.42	800	164	4.59	118-152-x	000187-152-x	10	20

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

\* Available on request

Subject to technical changes and colour deviations.



Metal socket with cone flange



Hose Clamp with Bolts