

## Polderflex PUR

PU Suction & Transport Hose, extremely pressure and vacuum-proof, smooth inner and outer linings



### 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
- Working Hose for silo vehicles and cargo depots
- for highest standards of abrasion resistance and durability
- Transport hose for handling and conveying plants
- Refurbishment of rail systems
- Transport of gravel and rocks
- Suction & Transport Hose for the most extreme fields of application

### Properties

- very good flexibility
- high vacuum and good pressure resistance
- highly durable, long service lives
- extremely abrasion resistant, extra strong PU lining
- good chemical resistance
- generally good UV and ozone resistance
- oil/petroleum-proof
- free of halogens and plasticizers
- gas-tight
- high tensile strength
- smooth inner and outer linings

### Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	outer Ø c. mm	weight c. kg/m	article no.	stock length
32	5,75	9500	160	41,5	0,88	118-032-101	10m
38	5,625	9500	190	47,5	1,03	118-038-101	10m
40	5,5	9500	200	49,5	1,07	118-040-101	/
45	5,375	9500	225	54,5	1,2	118-045-101	/
50	5,25	9500	250	62,5	1,25	118-050-101	10m
60	5,125	9500	300	71,5	1,44	118-060-101	10m
65	5,1	9500	325	76,5	1,56	118-065-101	/
70	5,05	9500	350	81,5	1,77	118-070-101	/
75	5	9500	380	87,5	1,92	118-075-101	/
80	4,5	9000	400	91,5	2,01	118-080-101	/
100	4,125	8750	600	113	3,1	118-100-101	/
125	3,25	6500	700	138,5	3,85	118-125-101	/
150	2,125	4250	800	164	4,59	118-150-101	/

All data refers to a media and ambient temperature of +20 °C  
 \* refers to the inside of the hose  
 Available from stock in the above listed lengths and sizes.  
 Available on request in other lengths, sizes and colours, with print.  
 Subject to technical changes and colour deviations.