

Polderflex PUR

PU Suction hose & Transport Hose, extremely pressure and vacuum resistant, 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
- 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

Available on request

- available on request in other lengths, sizes.

Properties

- extremely abrasion resistant, extra strong PU lining
- extra heavyweight
- 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

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DN	op. pressure c. bar	vacuum c. mmWG	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
32	5,75	9300	160	41,5	0,88	118-032-1000	10m
38	5,63	9300	190	47,5	1,03	118-038-1000	10m
40	5,50	9300	200	49,5	1,07	118-040-1000	10m
51	5,25	9300	250	62,5	1,25	118-051-1000	10m
60	5,13	9300	300	71,5	1,44	118-060-1000	10m
65	5,10	9300	325	76,5	1,56	118-065-1000	/
70	5,05	9300	350	81,5	1,77	118-070-1000	/
76	5,00	9300	380	87,5	1,92	118-076-1000	/
80	4,50	8800	400	91,5	2,01	118-080-1000	/
102	4,13	8600	600	113	3,10	118-102-1000	/
127	3,25	6400	700	138,5	3,85	118-127-1000	/
152	2,13	4200	800	164	4,59	118-152-1000	/

All data refers to an ambient temperature of +20 °C
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths, sizes.
 Subject to technical changes and colour deviations.



Hose Clamp with Bolts



Metal socket with cone flange