

Master-PUR Inline

PU Suction & Transport Hose, extremely abrasion-resistant, vacuum-proof, seamless, very smooth inner lining



Material

spiral: spring steel wire

wall: pure polyurethane

Inline: application-optimised polyurethane, 4mm thick, 60 ° Shore A

Applications

- Transport Hose for problematic media, e.g. sand, gravel, grain, granulates
- Everywhere where easy-to-clean surfaces are required
- Special hose for transport of extremely abrasive media
- Transport hose for feeding and cleaning of glass works, mineral processing plants, steelworks, quarries, shipyards and docks, cement works, flat roof gravelling
- Other conveyer and loading plants

Properties

- high vacuum and good pressure resistance
- good chemical resistance
- extremely abrasion-resistant, extra strong PU Inline
- generally good UV and ozone resistance
- oil/petroleum-proof
- free of halogens and plasticizers
- gas-tight
- high tensile strength
- completely smooth internal lining, therefore ideal flow characteristics
- flexible
- microbe-resistant
- antistatic, surface resistance < 10⁹ Ohm

Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	op. pressure c. bar	vacuum c. bar mmWC	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
38	4,65	9600	130	56	1,72	119-038-104	/
40	4,5	9600	135	58	1,79	119-040-104	/
50	4,125	9600	170	69	1,61	119-050-104	/
51	4,125	9600	170	70	1,64	119-051-104	10m
65	3,9	9600	190	85	2,02	119-065-104	10m
75	3,75	9600	250	96	3,4	119-075-104	/
76	3,75	9600	250	97	3,44	119-076-104	/
80	3,375	9600	270	99	2,69	119-080-104	/
100	3	9600	300	122	4,31	119-100-104	/
102	3	9600	300	122	4,39	119-102-104	10m
115	2,6	9600	330	136	4,9	119-115-104	/
125	2,4	9600	350	146	5,6	119-125-104	/
127	2,4	9600	350	148	5,69	119-127-104	10m
150	1,95	9600	400	175	7,3	119-150-104	/
152	1,95	9600	400	175	7,3	119-152-104	10m
175	1,8	7825	600	198	7,48	119-175-104	/
180	1,65	7600	700	202	7,68	119-180-104	/
200	1,35	6860	800	223	10,01	119-200-104	/
204	1,35	6850	800	227	10,2	119-204-104	/
250	0,95	5100	1000	271	12,07	119-250-104	10m

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