

## Master-PUR Inline

PU Suction hose & Transport Hose, extremely abrasion resistant, vacuum proof, seamless, very smooth inner lining, antistatic, surface resistance  $< 10^9$  Ohm, microbe-resistant



### Material

- spiral: spring steel wire
- wall: pure polyurethane
- inner lining: application-optimised polyurethane 60° Shore A
- Wandstärke ca. 5,5 mm

### Applications

- Special hose for transport of extremely abrasive media
- Transport hose for problematic media, e.g. sand, gravel, grain, granules
- Everywhere where easy-to-clean surfaces are required
- 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

- extremely abrasion resistant, extra strong PU Inline
- completely smooth internal lining, therefore ideal flow characteristics
- antistatic, surface resistance  $< 10^9$  Ohm
- microbe-resistant
- oil/petroleum-proof
- free of halogens and plasticizers
- flexible
- excellent vacuum-resistance and good pressure-resistance

- gas-tight
- good chemical resistance
- high tensile strength
- generally good UV and ozone resistance

#### Temperature Range

- -40°C to +90°C
- peaks to +125°C

#### Product Variations

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	article no.	stock length	max. production length
	bar	bar	mm	mm	kg		m	m
38	4,85	0,94	150	56	1,72	119-038-104	/	10
40	4,5	0,94	160	58	1,79	119-040-104	/	10
51	4,125	0,94	200	70	1,84	119-051-104	5/10	10
65	3,9	0,94	300	85	2,02	119-065-104	5/10	10
76	3,75	0,94	400	97	3,44	119-076-104	5/10	10
80	3,375	0,94	410	99	2,89	119-080-104	5/10	10
102	3	0,94	430	122	4,39	119-102-104	5/10	10
115	2,6	0,94	440	136	4,9	119-115-104	/	10
127	2,4	0,94	450	148	5,69	119-127-104	/	10
150	1,95	0,94	600	175	7,3	119-150-104	/	10
152	1,95	0,94	600	175	7,3	119-152-104	/	10
175	1,8	0,77	700	198	7,48	119-175-104	/	10
180	1,65	0,75	700	202	7,88	119-180-104	/	10
200	1,35	0,67	800	223	10,01	119-200-104	/	10
204	1,35	0,67	800	227	10,2	119-204-104	/	10
250	0,95	0,5	1000	271	12,07	119-250-104	/	10

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 from stock

- Available from stock in the above listed lengths and sizes.

#### Available on request

- Available on request in other lengths, sizes and colours, with print.