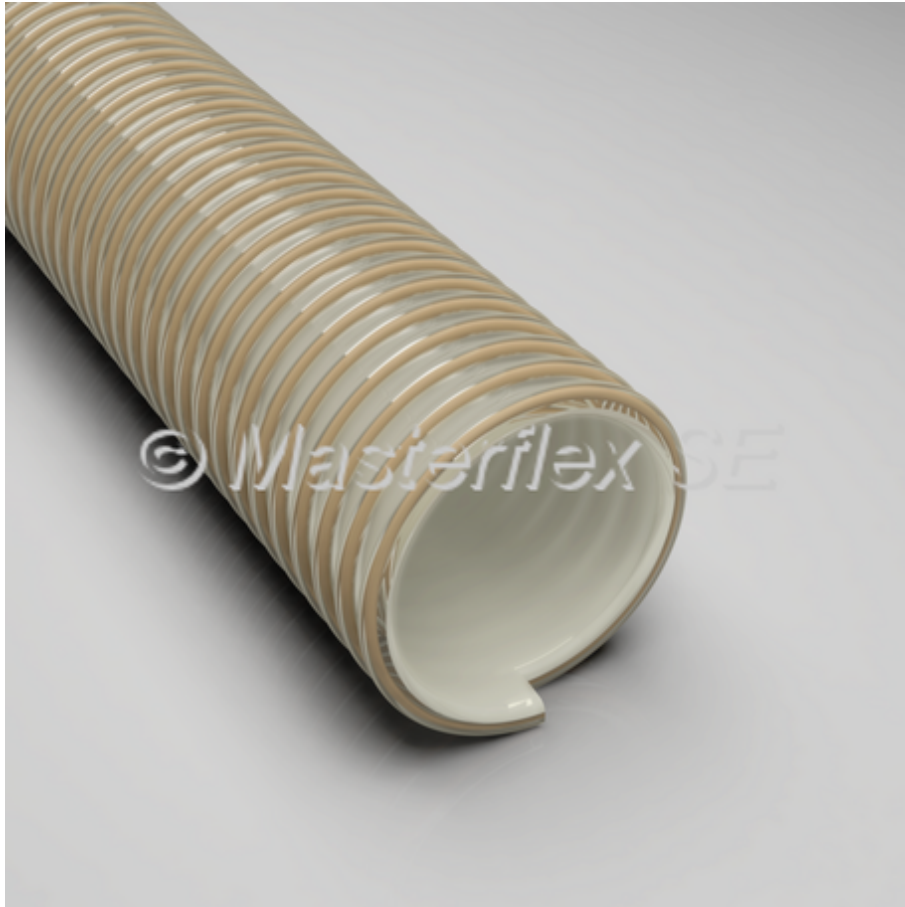


Master-PUR Inline

PU Suction hose & Transport Hose, extremely abrasion resistant, vacuum proof, seamless, very smooth inner lining, antistatic, surface resistance <math> < 10^9 \text{ Ohm}</math>, microbe-resistant



Technical Drawing



Connections



Material

- spiral: spring steel wire
- wall: pure polyurethane
- inner lining: application-optimised polyurethane 60° Shore A
- Wall thickness c. 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
- microbe-resistant
- permanently antistatic, surface resistance <math> < 10^9 \text{ Ohm}</math>
- flexible

- excellent vacuum-resistance and good pressure-resistance
- halogen free
- 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

Product Variations (**Please replace “x” with your desired hose length.)

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	**new article no.	stock length	max. production length
	bar	bar	mm	mm	kg			m	m
38	4,65	0,94	150	56	1,72	119-038-104	000195:038:x	/	20
40	4,5	0,94	160	58	1,79	119-040-104	000195:040:x	/	20
50	4,16	0,94	196	69	1,65	119-050-104	000195:050:x	/	20
51	4,125	0,94	200	70	1,64	119-051-104	000195:051:x	2,5/5/7,5/10/20	20
65	3,9	0,94	300	85	2,02	119-065-104	000195:065:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
75	3,75	0,94	390	96	3,31	119-075-104	000195:075:x	/	20
76	3,75	0,94	400	97	3,44	119-076-104	000195:076:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
80	3,375	0,94	410	99	2,69	119-080-104	000195:080:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
100	3,03	0,94	428	120	4,24	119-100-102	000195:100:x	/	20
102	3	0,94	430	122	4,39	119-102-104	000195:102:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
115	2,6	0,94	440	136	4,9	119-115-104	000195:115:x	/	15
125	2,45	0,94	448	146	5,56	119-125-101	000195:125:x	/	15
127	2,4	0,94	450	148	5,69	119-127-104	000195:127:x	2,5 / 5 / 7,5 / 10 / 15	15
150	1,95	0,94	600	175	7,3	119-150-104	000195:150:x	/	15
152	1,95	0,94	600	175	7,3	119-152-104	000195:152:x	/	15
175	1,8	0,77	700	198	7,48	119-175-104	000195:175:x	/	10
180	1,65	0,75	700	202	7,68	119-180-104	000195:180:x	/	10
200	1,35	0,67	800	223	10,01	119-200-104	000195:200:x	2,5 / 5 / 7,5 / 10	10
203	1,35	0,67	800	227	10,2	119-203-104	000195:203:x	/	10
250	0,95	0,5	1000	271	12,07	119-250-104	000195:250:x	/	10
254	0,95	0,5	1000	275	12,1	119-254-104	000195:254:x	/	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 on request

- Available on request in other lengths, sizes.