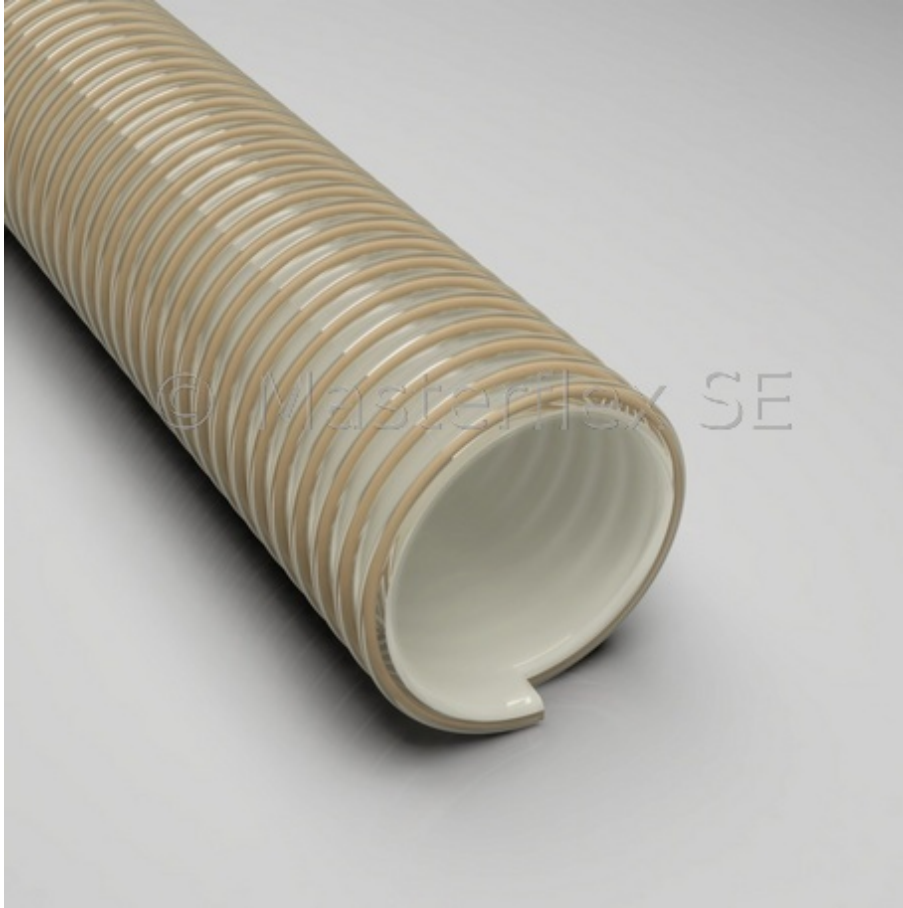


Master-PUR Inline

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



Technical Drawing



Connections



Material

- spiral: spring steel wire
- wall: pure polyurethane
- Wall thickness c. 5.5 mm
- inner lining: application-optimised polyurethane 60° Shore A

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

- flexible
- extremely abrasion resistant, extra strong PU Inline
- completely smooth internal lining, therefore ideal flow characteristics
- microbe-resistant
- excellent vacuum-resistance and good pressure-resistance

- permanently antistatic, surface resistance < 10⁹ Ohm, measured according to DIN EN ISO 8031
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance
- configurable as a hose system with digital interface for compatibility with the AMPIUS® APP
- acc. to TRGS 727 and ATEX 2014/34 EU, with earthing at both ends of the spiral for non-flammable dust/bulk solids in Zone 22. For gases/liquids with low conductivity of electrostatic charges in Zone 2.
- halogen and plasticizer-free

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	4,65	0,94	150	56	1,72	000195:38:x	/	20
40	4,5	0,94	160	58	1,79	000195:40:x	/	20
50	4,16	0,94	196	69	1,65	000195:50:x	/	20
51	4,125	0,94	200	70	1,64	000195:51:x	2,5/5/7,5/10/20	20
65	3,9	0,94	300	85	2,02	000195:65:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
75	3,75	0,94	390	96	3,31	000195:075:x	/	20
76	3,75	0,94	400	97	3,44	000195:76:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
80	3,375	0,94	410	99	2,69	000195:80:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
100	3,03	0,94	428	120	4,24	000195:100:x	/	20
102	3	0,94	430	122	4,39	000195:102:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
115	2,6	0,94	440	136	4,9	000195:115:x	/	15
125	2,45	0,94	448	146	5,56	000195:125:x	/	15
127	2,4	0,94	450	148	5,69	000195:127:x	2,5 / 5 / 7,5 / 10 / 15	15
150	1,95	0,94	600	175	7,3	000195:150:x	/	15
152	1,95	0,94	600	175	7,3	000195:152:x	/	15
175	1,8	0,77	700	198	7,48	000195:175:x	/	10
180	1,65	0,75	700	202	7,68	000195:180:x	/	10
200	1,35	0,67	800	223	10,01	000195:200:x	2,5 / 5 / 7,5 / 10	10
203	1,35	0,67	800	227	10,2	000195:203:x	/	10
250	0,95	0,5	1000	271	12,07	000195:250:x	/	10
254	0,95	0,5	1000	275	12,1	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 and colours, with print.