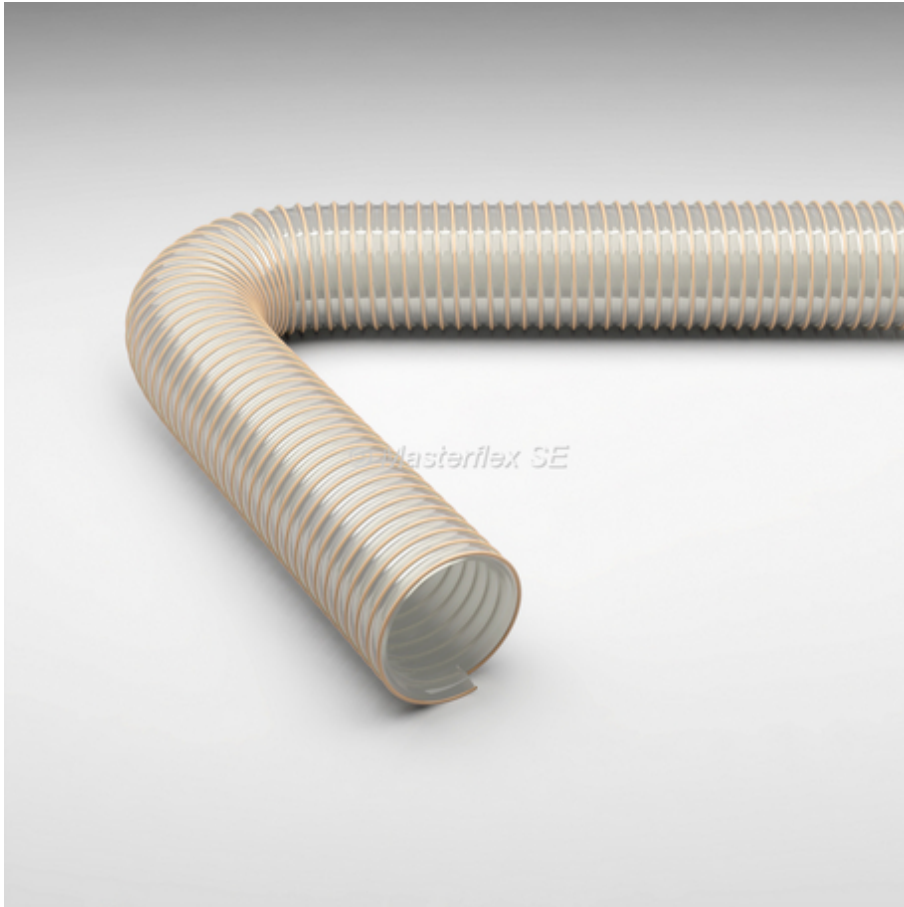


Master-PUR Performance

PU suction hose & transport hose, extremely abrasion-resistant & vacuum-proof, seamless smooth inner lining, antistatic and microbe-resistant, surface resistance 10^9 Ohm



Technical Drawing



Connections



Material

- spiral: spring steel wire
- wall: pure polyurethane
- wall thickness min. 2.5 mm
- inner lining: application-optimised polyurethane 60° Shore A

Applications

- Transport hose for problematic media, e.g. sand, gravel, grain, granules
- Transport hose for handling and conveying plants
- Everywhere where easy-to-clean surfaces are required
- Suction and transport hose for extremely abrasive solid, liquid and gaseous 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

- extremely abrasion resistant, extra strong PU lining
- completely smooth internal lining, therefore ideal flow characteristics
- microbe-resistant

- permanently antistatic, surface resistance <math> < 10^9 </math> Ohm
- heavy
- flexible
- excellent vacuum-resistance and good pressure-resistance
- halogen free
- generally good UV and ozone resistance
- high tensile strength
- good resistance to chemicals, oil and fuel

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	4,35	0,94	130	50	0,8	123-038-101	000210:38:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
40	4,25	0,94	135	52	0,8	123-040-101	000210:40:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
45	4,12	0,94	155	57	1	123-045-101	000210:45:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
50	4,02	0,94	168	65	1,17	123-050-101	000210:50:x	/	20
51	4	0,94	170	66	1,2	123-051-101	000210:51:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
55	3,8	0,94	175	72	1,3	123-055-101	000210:55:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
60	3,7	0,94	185	77	1,5	123-060-101	000210:60:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
65	3,5	0,94	190	82	1,6	123-065-101	000210:65:x	2,5 / 5 / 7,5 / 10 / 20	20
75	3,18	0,94	245	92	1,87	123-075-101	000210:75:x	/	20
76	3,15	0,94	250	93	1,9	123-076-101	000210:76:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
80	2,9	0,94	270	97	2,1	123-080-101	000210:80:x	2,5 / 5 / 7,5 / 10 / 15 / 20	20
90	2,7	0,94	285	107	2,4	123-090-101	000210:90:x	2,5 / 5 / 7,5 / 10 / 20	20
100	2,53	0,94	297	117	2,58	123-100-101	000210:100:x	/	20
102	2,5	0,94	300	119	2,6	123-102-101	000210:102:x	2,5 / 5 / 7,5 / 10 / 20	20
115	2,3	0,94	325	132	3	123-115-101	000210:115:x	/	15
125	2,05	0,94	345	142	3,25	123-125-101	000210:125:x	/	15
127	2	0,94	350	144	3,3	123-127-101	000210:127:x	2,5 / 5 / 7,5 / 10 / 15	15
140	1,8	0,94	370	154	3,46	123-140-101	000210:140:x	2,5/5/7,5/10	15
150	1,54	0,94	396	167	3,67	123-150-101	000210:150:x	/	15
152	1,5	0,94	400	169	3,7	123-152-101	000210:152:x	2,5 / 5 / 7,5 / 10 / 15	15

175	1,1	0,7	770	190	4,6	123-175-101	000210:175:x	/	10
180	1	0,68	780	195	4,7	123-180-101	000210:180:x	/	10
200	0,8	0,55	840	215	5	123-200-101	000210:200:x	2,5 / 5 / 7,5 / 10	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.