

Master-PUR L-EL

PU Suction &
Transport Hose,
light duty,
electroconductive, surface
resistance $\leq 10^4 \Omega$



Material

spiral: spring steel wire
wall: electrically conductive polyurethane
wall thickness between spirals approx. 0.7 mm

Applications

- Suction/extraction of paper and textile fibres
- Transport of fine-grained particles, such as dust and powder
- Suction & Transport Hose for abrasive solids, liquids and gases
- Protective Hose against mechanical wear
- Oil mist extraction/suction
- Danger zones, which require electrically conductive hoses

Properties

- extremely flexible
- light
- highly abrasion-resistant
- smallest bending radii
- good chemical resistance
- generally good UV and ozone resistance
- oil/petroleum-proof
- gas-tight
- mostly smooth inner lining
- optimum flow characteristics
- halogen-free
- surface resistance $\leq 10^4 \Omega$
- acc. to TRBS 2153 (Zone 0, 20) for non-flammable liquids/dusts for dissipation of electrostatic charges with grounding on both ends of the helix

Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	working pressure c. bar	low pressure c. mmWC	bending radius c. mm*	outer diameter c. mm	weight c. kg/m	article no.	stock length
25	3,22	8000	31	31	0,25	110-025-207	10m
32	2,52	7250	40	40	0,35	110-032-207	10m/15m
38	2,1	6750	46	46	0,39	110-038-207	10m/15m
40	2,1	6750	48	48	0,4	110-040-207	10m/15m
45	1,84	6000	53	53	0,42	110-045-207	/
50	1,68	5250	58	58	0,45	110-050-207	10m/15m
55	1,54	4500	63	63	0,51	110-055-207	/
60	1,4	4500	68	68	0,53	110-060-207	10m/15m
65	1,26	3750	73	73	0,64	110-065-207	10m/15m
70	1,12	3750	78	78	0,68	110-070-207	10m/15m
75	1,12	3000	84	84	0,72	110-075-207	10m/15m
80	0,98	3000	88	88	0,76	110-080-207	10m/15m
90	0,84	2250	99	99	0,88	110-090-207	/
100	0,84	2250	110	110	0,95	110-100-207	10m/15m
110	0,7	2250	119	119	1,03	110-110-207	10m
115	0,7	2250	124	124	1,06	110-115-207	/
120	0,7	2250	129	129	1,12	110-120-207	10m
125	0,7	2250	135	135	1,18	110-125-207	10m
130	0,56	2250	139	139	1,2	110-130-207	/
140	0,56	1500	149	149	1,38	110-140-207	/
150	0,56	1500	161	161	1,48	110-150-207	10m
160	0,56	1500	170	170	1,74	110-160-207	/
170	0,42	1500	180	180	1,8	110-170-207	/
175	0,42	1500	185	185	1,85	110-175-207	/
180	0,42	1500	190	190	1,9	110-180-207	10m
200	0,42	1500	214	214	2,3	110-200-207	10m
225	0,28	750	235	235	2,55	110-225-207	/
250	0,28	750	260	260	3,02	110-250-207	/
275	0,28	750	284	284	3,11	110-275-207	/
280	0,28	750	290	290	3,14	110-280-207	/
300	0,25	675	310	310	3,2	110-300-207	10m
315	0,25	675	325	325	3,32	110-315-207	/
325	0,25	675	335	335	3,4	110-325-207	/
350	0,13	675	360	360	3,6	110-350-207	/
375	0,13	525	386	386	3,85	110-375-207	/
400	0,13	525	410	411	4,45	110-400-207	/
450	0,13	525	460	461	5,06	110-450-207	/
500	0,13	525	510	511	5,7	110-500-207	/

All data refers to a media and ambient temperature of +20 °C
 * refers to the inside of the hose
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths and sizes with print.
 Subject to technical changes and colour deviations.