

Master-PUR L-EL

PU Suction & Transport Hose, light duty, highly flexible, electroconductive surface resistance <math>< 10^3 \text{ Ohm}</math>



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
- danger zones, which require electrically conductive hoses
- 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

Available on request

- available on request in other lengths and sizes.

Properties

- surface resistance $R_o < 10^3 \text{ Ohm}$
- approved acc. to TRGS 727 and ATEX 2014/34 EU.
 Details acc. to certificate
- halogen-free
- light
- very good flexibility
- smallest bending radii
- optimum flow characteristics
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- generally good UV and ozone resistance
- acc. to DIN 26057 type II

Temperature Range

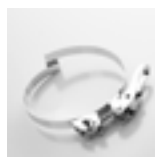
- -40°C to +90°C
- peaks to +125°C

DN	op.pressure c. bar	vacuumc. mmWG	bending radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
25	3,22	7900	31	31	0,25	110E-025-1000	10m
32	2,52	7100	40	40	0,35	110E-032-1000	10m
38	2,10	6600	46	46	0,39	110E-038-1000	10m
40	2,10	6600	48	48	0,40	110E-040-1000	10m
45	1,84	5900	53	53	0,42	110E-045-1000	/
50	1,68	5200	58	58	0,45	110E-050-1000	10m
55	1,54	4400	63	63	0,51	110E-055-1000	/
60	1,40	4400	68	68	0,53	110E-060-1000	10m
65	1,26	3700	73	73	0,64	110E-065-1000	10m
70	1,12	3700	78	78	0,68	110E-070-1000	/
75	1,12	2900	84	84	0,72	110E-075-1000	10m
80	0,98	2900	88	88	0,76	110E-080-1000	10m
90	0,84	2200	99	99	0,88	110E-090-1000	/
100	0,84	2200	110	110	0,95	110E-100-1000	10m
110	0,70	2200	119	119	1,03	110E-110-1000	/
115	0,70	2200	124	124	1,06	110E-115-1000	/
120	0,70	2200	129	129	1,12	110E-120-1000	/
125	0,70	2200	135	135	1,18	110E-125-1000	/
130	0,56	2200	139	139	1,20	110E-130-1000	/
140	0,56	1500	149	149	1,38	110E-140-1000	/
150	0,56	1500	161	161	1,48	110E-150-1000	/
160	0,56	1500	170	170	1,74	110E-160-1000	/
170	0,42	1500	180	180	1,80	110E-170-1000	/
175	0,42	1500	185	185	1,85	110E-175-1000	/
180	0,42	1500	190	190	1,90	110E-180-1000	/
200	0,42	1500	214	214	2,30	110E-200-1000	/
225	0,28	700	235	235	2,55	110E-225-1000	/
250	0,28	700	260	260	3,02	110E-250-1000	/
275	0,28	700	284	284	3,11	110E-275-1000	/
280	0,28	700	290	290	3,14	110E-280-1000	/
300	0,25	700	310	310	3,20	110E-300-1000	/
315	0,25	700	325	325	3,32	110E-315-1000	/
325	0,25	700	335	335	3,40	110E-325-1000	/
350	0,13	700	360	360	3,60	110E-350-1000	/
375	0,13	500	386	386	3,85	110E-375-1000	/
400	0,13	500	410	411	4,45	110E-400-1000	/
450	0,13	500	460	461	5,06	110E-450-1000	/
500	0,13	50	510	511	5,70	110E-500-1000	/

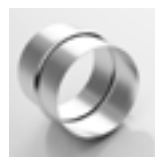
All data refers to an ambient temperature of +20 °C
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths and sizes.
 Subject to technical changes and colour deviations.



Master-Grip Hose Clamp,
screwable



Master-Grip Quick-Fix
Clamp



Hose Connector



PU Cuff,
electroconductive



Combiflex PU
Threaded Socket



Combiflex PU Swivel
Flange, screwable/
fixed