

# Master-PUR L-EL

PU Suction & Transport Hose, light duty, highly flexible, electroconductive

## Material

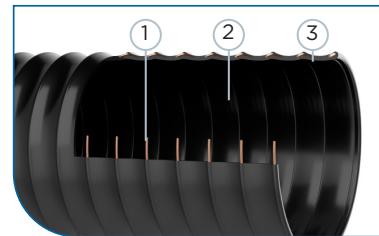
- 1 spiral: spring steel wire
- 2 wall: electrically conductive polyester polyurethane
- 3 wall thickness between spirals approx. 0.7 mm

## 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
- extraction of flammable vapours

## Properties

- surface resistance  $R_o < 10^3$  Ohm
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- halogen-free
- light
- very good flexibility
- smallest bending radius
- 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	vacuum	bend radius	outer Ø	weight/m	old article no.	new article no.	standard length	max. production length
mm	bar	bar	mm	mm	kg			m	m
25*	3.23	0.8	30	30	0.24	110E-025-x	000009-025-x	10	25
26	3.22	0.79	31	31	0.25	110E-026-x	000009-026-x	10	25
32	2.52	0.71	40	40	0.35	110E-032-x	000009-032-x	10	25
38	2.1	0.66	46	46	0.39	110E-038-x	000009-038-x	10	25
40	2.1	0.66	48	48	0.4	110E-040-x	000009-040-x	10	25
45*	1.84	0.59	53	53	0.42	110E-045-x	000009-045-x	10	25
50*	1.71	0.53	57	57	0.45	110E-050-x	000009-050-x	10	25
51	1.68	0.52	58	58	0.45	110E-051-x	000009-051-x	10	25
55*	1.54	0.44	63	63	0.51	110E-055-x	000009-055-x	10	25
60	1.4	0.44	68	68	0.53	110E-060-x	000009-060-x	10	25
65	1.26	0.37	73	73	0.64	110E-065-x	000009-065-x	10	25
70	1.12	0.37	78	78	0.68	110E-070-x	000009-070-x	10	25
75*	1.12	0.3	83	83	0.71	110E-075-x	000009-075-x	10	25
76	1.12	0.29	84	84	0.72	110E-076-x	000009-076-x	10	25
80	0.98	0.29	88	88	0.76	110E-080-x	000009-080-x	10	25
90*	0.84	0.22	99	99	0.88	110E-090-x	000009-090-x	10	25
100*	0.84	0.22	108	108	0.94	110E-100-x	000009-100-x	10	25
102	0.84	0.22	110	110	0.95	110E-102-x	000009-102-x	10	25
110*	0.7	0.22	119	119	1.03	110E-110-x	000009-110-x	10	25
115*	0.7	0.22	124	124	1.06	110E-115-x	000009-115-x	10	25
120*	0.7	0.22	129	129	1.12	110E-120-x	000009-120-x	10	25
125*	0.7	0.22	133	133	1.16	110E-125-x	000009-125-x	10	25
127	0.7	0.22	135	135	1.18	110E-127-x	000009-127-x	10	25
130*	0.56	0.22	139	139	1.2	110E-130-x	000009-130-x	10	25
140*	0.56	0.15	149	149	1.38	110E-140-x	000009-140-x	10	25
150*	0.56	0.15	159	159	1.46	110E-150-x	000009-150-x	10	25
152	0.56	0.15	161	161	1.48	110E-152-x	000009-152-x	10	25
160*	0.56	0.15	170	170	1.74	110E-160-x	000009-160-x	10	25
170*	0.42	0.15	180	180	1.8	110E-170-x	000009-170-x	10	25
175*	0.42	0.15	185	185	1.85	110E-175-x	000009-175-x	10	25
180*	0.42	0.15	190	190	1.9	110E-180-x	000009-180-x	10	25
200*	0.42	0.15	211	211	2.25	110E-200-x	000009-200-x	10	25
203	0.42	0.15	214	214	2.3	110E-203-x	000009-203-x	10	25
225*	0.28	0.07	235	235	2.55	110E-225-x	000009-225-x	10	25
250*	0.28	0.07	256	256	2.96	110E-250-x	000009-250-x	10	25
254*	0.28	0.07	260	260	3.02	110E-254-x	000009-254-x	10	25
275*	0.28	0.07	284	284	3.11	110E-275-x	000009-275-x	10	25
280*	0.28	0.07	290	290	3.14	110E-280-x	000009-280-x	10	25
300*	0.25	0.07	310	310	3.2	110E-300-x	000009-300-x	10	20
315*	0.25	0.07	325	325	3.32	110E-315-x	000009-315-x	10	20
325*	0.25	0.07	335	335	3.4	110E-325-x	000009-325-x	10	20
350*	0.13	0.07	360	360	3.6	110E-350-x	000009-350-x	10	20
375*	0.13	0.05	386	386	3.85	110E-375-x	000009-375-x	10	20
400*	0.13	0.05	410	411	4.45	110E-400-x	000009-400-x	10	20
450*	0.13	0.05	460	461	5.06	110E-450-x	000009-450-x	10	20
500*	0.13	0.05	510	511	5.7	110E-500-x	000009-500-x	10	20

All data refers to a medium and ambient temperature of +20 °C.  
 \* Available on request  
 Subject to technical changes and colour deviations.



Clip-Grip Quick-Fix Clamp



Clip-Grip Hose Clamp, screwable



Combiflex PU Threaded Socket



PU Cuff, electroconductive



Hose Connector