

Master-PUR L Trivolution

PU Suction & Transport Hose, extremely flexible, light duty, antistatic, surface resistance 10^9 Ohm, microbe-resistant, hardly inflammable acc.to DIN 4102 B1



Material

- spiral: spring steel wire
- wall: pure polyester polyurethane (acc. to DIN ISO 4649 more abrasion-resistant in comparison to polyether 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

Properties

- halogen and plasticizer-free
- very good flexibility
- light
- highly abrasion-resistant
- smallest bending radii
- good chemical resistance
- generally good UV and ozone resistance
- oil/petroleum-proof
- gas-tight
- high tensile strength
- mostly smooth inner lining
- optimum flow characteristics
- acc. to TRBS 2153 (Zone 20) for flammable dust/bulk solids for conducting electrostatic charges when earthed at both ends of the spiral
- hardly inflammable acc. to DIN 4102 B1
- microbe-resistant
- antistatic, surface resistance <math>< 10^9</math> Ohm

Temperature Range

- -40°C to +90°C
- peaks to +125°C

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DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	outer Ø c. mm	weight c. kg/m	article no	stock length
25	3,22	8000	31	31	0,25	110-025-401	10m/15m
32	2,52	7250	40	40	0,35	110-032-401	10m/15m
38	2,1	6600	46	46	0,39	110-038-401	10m/15m
40	2,1	6600	48	48	0,4	110-040-401	10m/15m
45	1,84	6000	53	53	0,42	110-045-401	10m/15m
50	1,68	5200	58	58	0,45	110-050-401	10m/15m
55	1,54	4400	63	63	0,51	110-055-401	10m/15m
60	1,4	4400	68	68	0,53	110-060-401	10m/15m
65	1,26	3700	73	73	0,64	110-065-401	10m/15m
70	1,12	3700	78	78	0,68	110-070-401	10m/15m
75	1,12	3000	84	84	0,72	110-075-401	10m/15m
80	0,98	3000	88	88	0,76	110-080-401	10m/15m
90	0,84	2200	99	99	0,88	110-090-401	10m/15m
100	0,84	2200	110	110	0,95	110-100-401	10m/15m
110	0,7	2200	119	119	1,03	110-110-401	10m/15m
115	0,7	2200	124	124	1,06	110-115-401	10m/15m
120	0,7	2200	129	129	1,12	110-120-401	10m/15m
125	0,7	2200	135	135	1,18	110-125-401	10m/15m
130	0,56	2200	139	139	1,2	110-130-401	10m/15m
140	0,56	1500	149	149	1,38	110-140-401	10m/15m
150	0,56	1500	161	161	1,48	110-150-401	10m/15m
160	0,56	1500	170	170	1,74	110-160-401	10m/15m
170	0,42	1500	180	180	1,8	110-170-401	10m/15m
175	0,42	1500	185	185	1,85	110-175-401	10m/15m
180	0,42	1500	190	190	1,9	110-180-401	10m/15m
200	0,42	1500	214	214	2,3	110-200-401	10m/15m
225	0,28	700	235	235	2,55	110-225-401	10m/15m
250	0,28	700	260	260	3,02	110-250-401	10m/15m
275	0,28	700	284	284	3,11	110-275-401	10m
280	0,28	700	290	290	3,14	110-280-401	10m
300	0,25	700	310	310	3,2	110-300-401	10m
315	0,25	700	325	325	3,32	110-315-401	10m
325	0,25	700	335	335	3,4	110-325-401	10m
350	0,13	700	360	360	3,6	110-350-401	10m
375	0,13	500	386	386	3,85	110-375-401	/
400	0,13	500	410	411	4,45	110-400-401	10m
450	0,13	500	460	461	5,06	110-450-401	10m
500	0,13	500	510	511	5,7	110-500-401	10m

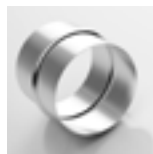
All data refers to a media and ambient temperature of +20 °C
 * refers to the inside of the hose
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths, sizes and colours, with print.
 Subject to technical changes and colour deviations.



Master-Grip Hose Clamp, screwable



Master-Grip Quick-Fix Clamp



Hose Connector



PU Cuff, electroconductive



Combiflex PU Threaded Socket



Combiflex PUSwivel Flange, screwable/ fixed