

Master-PUR L Trivolution

PU Suction hose & Transport Hose, extremely flexible, light duty, antistatic, 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
- granulate transport hose
- 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, sizes .

Properties

- hardly inflammable acc. to DIN 4102 B1
- microbe-resistant
- permanently antistatic, surface resistance <math>< 10^9 \text{ Ohm}</math>
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- very good flexibility
- light
- halogen and plasticizer-free
- smallest bending radii
- optimum flow characteristics
- highly abrasion-resistant
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance
- acc. to DIN 26057 type II

Temperature Range

- -40°C to +90°C
- peaks to +125°C

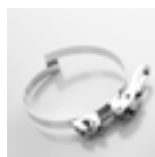
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DN	op. pressure c. bar	vacuum c. mmWG	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no	stock length
25	3,22	7900	31	31	0,25	110-025-1000	10m
32	2,52	7100	40	40	0,35	110-032-1000	10m
38	2,10	6600	46	46	0,39	110-038-1000	10m
40	2,10	6600	48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

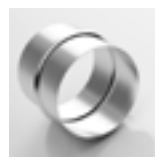
All data refers to an ambient temperature of +20 °C
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths, sizes
 Subject to technical changes and colour deviations.



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