

Master-PUR H Trivolution

PU Suction hose & Transport Hose, very flexible, 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. 1.4 mm

Applications

- suction of coarse-grained media with high flow rate
- granulate transport hose
- for abrasive solids, gaseous and liquid media
- standard hose for industrial vacuum cleaners
- transport of chips/shavings
- oil mist extraction/suction
- suction and transport of paper fibres

Available on request

- available on request in other lengths, sizes and colours.

Properties

- hardly inflammable acc. to DIN 4102 B1
- small bending radii
- medium duty
- microbe-resistant
- good flexibility
- permanently antistatic, surface resistance <math>< 10^9 \text{ Ohm}</math>
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- increased pressure and vacuum resistance
- halogen and plasticizer-free
- 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 III

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
13	4,70	9200	38	19	0,15	111-013-1000	10m
16	4,50	9200	40	22	0,20	111-016-1000	10m
20	4,30	9200	43	26	0,22	111-020-1000	10m
25	4,16	9200	47	33	0,29	111-025-1000	10m
32	3,25	9200	60	41	0,39	111-032-1000	10m
38	3,12	8200	69	47	0,46	111-038-1000	10m
40	3,00	8200	72	49	0,49	111-040-1000	10m
45	2,95	8100	80	55	0,55	111-045-1000	10m
50	2,90	8000	87	61	0,71	111-050-1000	10m
55	2,75	7600	95	65	0,77	111-055-1000	10m
60	2,55	7540	102	70	0,84	111-060-1000	10m
65	2,40	6600	112	75	0,91	111-065-1000	10m
70	2,25	6600	117	80	0,97	111-070-1000	10m
75	2,00	5900	126	87	1,06	111-075-1000	10m
80	2,00	5900	132	91	1,11	111-080-1000	10m
90	1,65	5200	149	101	1,25	111-090-1000	10m
100	1,50	4400	165	112	1,48	111-100-1000	10m
110	1,35	4400	179	121	1,61	111-110-1000	10m
115	1,35	3100	186	126	1,68	111-115-1000	10m
120	1,30	3100	194	131	1,75	111-120-1000	10m
125	1,30	3100	203	138	1,91	111-125-1000	10m
130	1,30	3100	209	141	1,96	111-130-1000	10m
140	1,05	2600	224	151	2,11	111-140-1000	10m
150	1,05	2600	242	163	2,29	111-150-1000	10m
160	0,90	2500	255	171	2,51	111-160-1000	10m
170	0,90	1800	270	181	2,67	111-170-1000	/
175	0,90	1800	278	186	2,74	111-175-1000	/
180	0,75	1800	285	191	2,82	111-180-1000	10m
200	0,75	1800	321	215	3,30	111-200-1000	10m
225	0,60	1200	353	237	3,65	111-225-1000	10m
250	0,60	1200	390	263	3,84	111-250-1000	10m
275	0,45	1200	426	288	4,22	111-275-1000	/
280	0,45	1200	435	293	4,30	111-280-1000	/
300	0,45	1200	465	313	4,94	111-300-1000	/
315	0,45	1200	488	328	5,19	111-315-1000	/
325	0,45	1200	503	338	5,35	111-325-1000	/
350	0,45	1200	540	363	6,96	111-350-1000	/
375	0,30	700	580	388	7,45	111-375-1000	/
400	0,30	700	615	413	7,95	111-400-1000	/
450	0,30	700	690	463	8,94	111-450-1000	/
500	0,300	700	765	513	9,93	111-500-1000	/

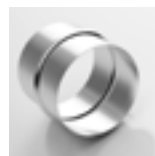
All data refers to an ambient temperature of +20 °C.
 Available from stock in the above listed lengths and sizes.
 Available on request in other lengths, sizes.
 Subject to technical changes and colour deviations.



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