

# Master-PUR H Trivolution

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

## Applications

- Suction of coarse-grained media with high flow rate
- For abrasive solids, gaseous and liquid media
- Standard hose for industrial vacuum cleaners
- Granulate transport hose
- Transport of chips/shavings
- Suction and transport of paper fibres
- Oil mist extraction/suction

## Properties

- highly abrasion-resistant
- generally good UV and ozone resistance
- oil/petroleum-proof
- free of halogens and plasticizers
- gas-tight
- extremely flexible, lightweight
- small bending radii
- increased pressure and vacuum resistance
- 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
- microbe-resistant
- antistatic, surface resistance  $< 10^9$  Ohm
- hardly inflammable acc. DIN 4102 B1
- medium duty
- good flexibility

## 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
13	4,7	9200	38	19	0,15	111-013-401	10m/15m
16	4,5	9200	40	22	0,2	111-016-401	10m/15m
20	4,3	9200	43	26	0,22	111-020-401	10m/15m
25	4,16	9200	47	33	0,29	111-025-401	10m/15m
32	3,25	9200	60	41	0,39	111-032-401	10m/15m
38	3,12	8200	69	47	0,46	111-038-401	10m/15m
40	3	8200	72	49	0,49	111-040-401	10m/15m
45	2,95	8100	80	55	0,55	111-045-401	10m/15m
50	2,9	8200	87	61	0,71	111-050-401	10m/15m
55	2,75	7600	95	65	0,77	111-055-401	10m/15m
60	2,55	7400	102	70	0,84	111-060-401	10m/15m
65	2,4	6600	112	75	0,91	111-065-401	10m/15m
70	2,25	6600	117	80	0,97	111-070-401	10m/15m
75	2	6000	126	87	1,06	111-075-401	10m/15m
80	2	6000	132	91	1,11	111-080-401	10m/15m
90	1,65	5200	149	101	1,25	111-090-401	10m/15m
100	1,5	4400	165	112	1,48	111-100-401	10m/15m
110	1,35	4600	179	121	1,61	111-110-401	10m/15m
115	1,35	3100	186	126	1,68	111-115-401	10m/15m
120	1,3	3100	194	131	1,75	111-120-401	10m/15m
125	1,3	3100	203	138	1,91	111-125-401	10m/15m
130	1,3	3100	209	141	1,96	111-130-401	10m/15m
140	1,05	2600	224	151	2,11	111-140-401	10m/15m
150	1,05	2600	242	163	2,29	111-150-401	10m/15m
160	0,9	2500	255	171	2,51	111-160-401	10m/15m
170	0,9	1800	270	181	2,67	111-170-401	10m/15m
175	0,9	1800	278	186	2,74	111-175-401	10m/15m
180	0,75	1800	285	191	2,82	111-180-401	10m/15m
200	0,75	1800	321	215	3,3	111-200-401	10m/15m
225	0,6	1200	353	237	3,65	111-225-401	10m/15m
250	0,6	1200	390	263	3,84	111-250-401	10m/15m
275	0,45	1200	426	288	4,22	111-275-401	10m
280	0,45	1200	435	293	4,3	111-280-401	10m
300	0,45	1200	465	313	4,94	111-300-401	10m
315	0,45	1200	488	328	5,19	111-315-401	/
325	0,45	1200	503	338	5,35	111-325-401	10m
350	0,45	1200	540	363	6,96	111-350-401	10m
375	0,3	700	580	388	7,45	111-375-401	/
400	0,3	700	615	413	7,95	111-400-401	10m
450	0,3	700	690	463	8,94	111-450-401	10m
500	0,3	700	765	513	9,93	111-500-401	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.