

Master-PUR H Food A

**PU Suction & Transport Hose,
medium duty, very flexible,
Food-grade Quality (FDA),
antistatic, surface resistance
10^9 Ohm**



Material

- spiral: anti-rust spring steel wire (material no. 1.4310)
- wall: pure polyether polyurethane, food-grade (FDA), with non-migratory permanent antistatic agent
- wall thickness between spirals approx. 1.4 mm

Applications

- Suction & transport hose for the food industry for transporting solids and liquids
- Pharmaceutical industry
- Chemicals industry

Properties

- small bending radii
- mostly smooth inner lining
- optimum flow characteristics
- EU guidelines 2002/72/EU and most recent amending directives
- microbe and hydrolysis-resistant
- medium duty
- acc. to TRBS 2153 (Zone 20) for flammable dust/bulk solids for conducting electrostatic charges when earthed at both ends of the spiral
- odourless/tasteless
- materials comply with the following food regulations:

- FDA 21 CFR §177.2600
- FDA 21 CFR §178.2010
- antistatic, surface resistance <math> < 10^9 </math> Ohm
- highly abrasion-resistant
- high tensile strength
- halogen and plasticizer-free
- gas-tight
- generally good UV and ozone resistance
- good chemical resistance

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations

DN	op. pressure c. bar	vacuum c. bar	bend radius c. mm*	outer Ø c. mm	weight c. kg/m	article no.	stock length	production length
20	4,3	0,92	45	28	0,25	111-020-571	/	10m
25	4,16	0,92	50	33	0,31	111-025-571	/	10m
32	3,25	0,92	60	41	0,45	111-032-571	10m	10m
38	3,12	0,82	70	47	0,51	111-038-571	10m	10m
40	3	0,82	75	49	0,56	111-040-571	10m	10m
50	2,9	0,78	90	61	0,71	111-050-571	10m	10m
60	2,55	0,74	105	70	0,82	111-060-571	10m	10m
65	2,4	0,66	115	75	0,89	111-065-571	10m	10m
70	2,25	0,66	120	80	0,97	111-070-571	/	10m
75	2	0,59	125	87	1,03	111-075-571	10m	10m
80	2	0,59	135	91	1,12	111-080-571	10m	10m
100	1,5	0,44	165	112	1,3	111-100-571	10m	10m
120	1,3	0,31	195	131	1,5	111-120-571	/	10m
125	1,3	0,31	205	138	1,63	111-125-571	10m	10m
150	1,05	0,25	245	163	1,92	111-150-571	10m	10m
160	0,9	0,25	255	171	2,22	111-160-571	/	10m
180	0,75	0,18	285	191	2,61	111-180-571	/	10m
200	0,75	0,18	325	215	3,5	111-200-571	/	10m

All data refers to a medium and ambient temperature of +20 °C.

* Refers to the inner hose lining

Subject to technical changes and colour deviations.

Available from stock

- Available from stock in the above listed lengths and sizes.

Available on request

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- Available on request in other lengths, sizes and colours, with print.

Connections



Master-Grip Quick-Fix Clamp



Hose Reducer, symmetrical



Combiflex PU Cast-On Connectors, Food



Hose Connector



Master-Grip Hose Clamp, screwable

Construction

