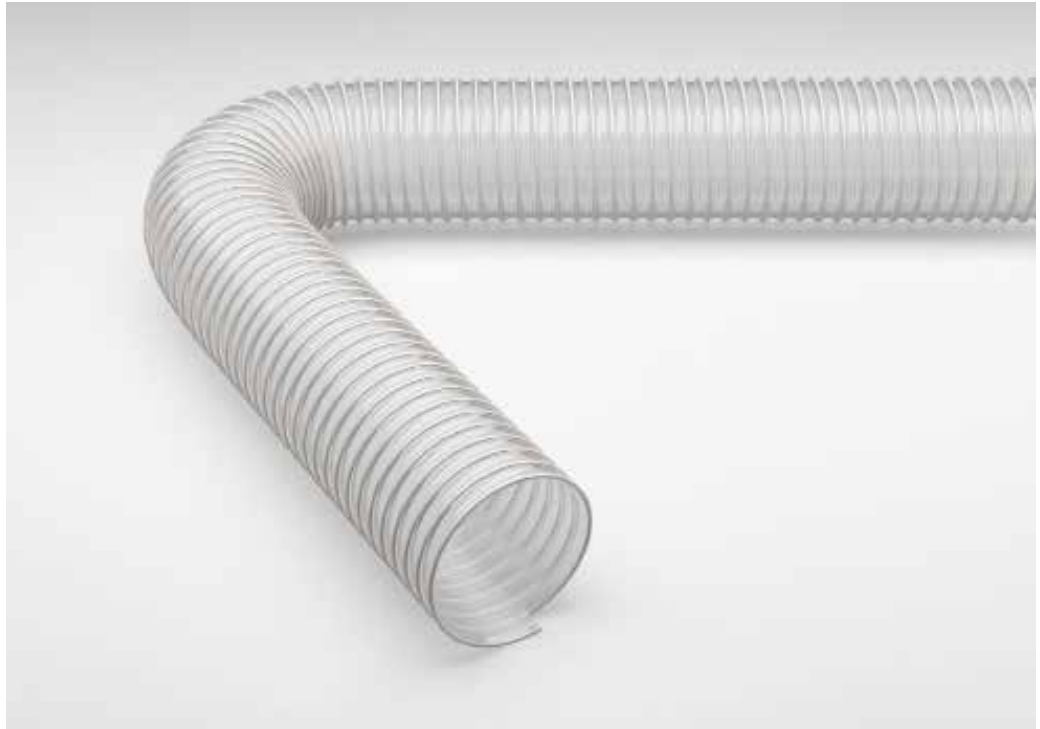


## Master-PUR H Food

PU Suction &  
Transport Hose,  
medium duty,  
Food-Grade Quality (FDA)



### Material

wall: pure polyether polyurethane, food-grade quality (FDA)

spiral: anti-rust spring steel wire (material no. 1.4310)

wall thickness between spirals approx. 1.4 mm

### Applications

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

### Temperature Range

- -40°C to +90°C
- peaks to +125°C

### Properties

- halogen and plasticizer-free
- good chemical resistance
- generally good UV and ozone resistance
- gas-tight
- small bending radii
- increased pressure and vacuum resistance
- high tensile strength
- mostly smooth inner lining
- optimum flow characteristics
- acc. to TRBS 2153 (Zone 1, 21) for non-flammable dust/bulk solids and gases/liquids with low conductivity of electrostatic charges when earthed at both ends of the spiral
- microbe and hydrolysis-resistant
- extremely flexible
- odourless/tasteless
- hoses comply with the following European food regulations:
  - EU Regulations 1935/2004, 10/2011 and 1282/2011
- materials comply with the following food regulations:
  - FDA 21 CFR §177.2600
  - FDA 21 CFR §178.2010

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	outer Ø c. mm	weight c. kg/m	article no.	stock length
20	4,3	9400	45	28	0,22	111-020-501	10m
25	4,16	9400	50	33	0,29	111-025-501	10m
30	3,51	9400	56	39	0,37	111-030-501	10m
32	3,25	9400	60	41	0,39	111-032-501	10m
38	3,12	8400	70	47	0,46	111-038-501	10m
40	3	8350	70	49	0,49	111-040-501	10m
45	2,95	8250	80	55	0,55	111-045-501	/
50	2,9	8000	87	61	0,71	111-050-501	10m
55	2,75	7750	95	65	0,83	111-055-501	/
60	2,55	7500	105	70	0,84	111-060-501	10m
65	2,4	6750	115	75	0,91	111-065-501	10m
70	2,25	6750	120	80	0,97	111-070-501	10m
75	2	6000	125	87	1,06	111-075-501	10m
80	2	6000	135	91	1,12	111-080-501	10m
90	1,65	5250	149	101	1,25	111-090-501	/
100	1,5	4500	165	112	1,48	111-100-501	10m
115	1,35	3125	186	126	1,85	111-115-501	/
120	1,3	3125	195	131	1,5	111-120-501	/
125	1,3	3125	205	138	1,91	111-125-501	10m
130	1,3	3125	209	141	2,32	111-130-501	/
140	1,05	2500	224	151	2,5	111-140-501	/
150	1,05	2500	245	163	2,29	111-150-501	10m
160	0,9	2500	255	171	2,22	111-160-501	10m
170	0,9	1875	255	181	3,17	111-170-501	/
175	0,9	1875	255	186	3,31	111-175-501	/
180	0,75	1875	285	191	2,61	111-180-501	/
200	0,75	1875	325	215	3,3	111-200-501	10m
250	0,6	1250	390	263	4,8	111-250-501	/

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.