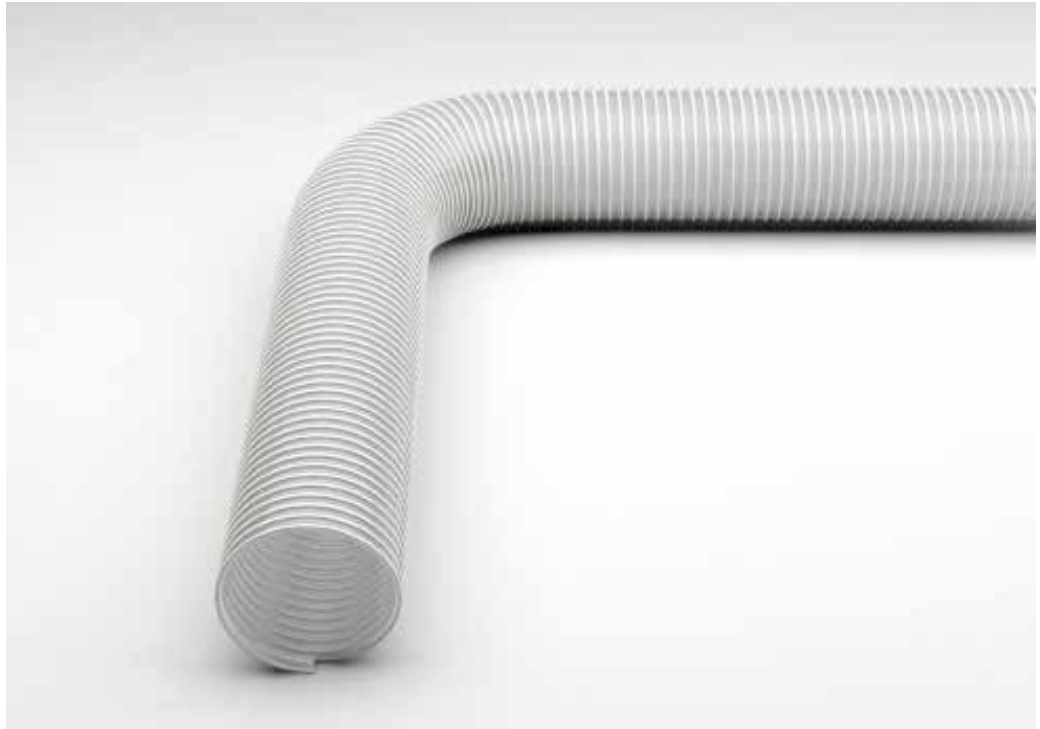


Master-PUR HX Food

PU Suction &
Transport Hose,
heavy 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.

1.7 - 2.1 mm, depending on DN

Applications

- Pharmaceutical industry
- Suction & Transport Hose for the food industry
- Chemicals

Properties

- halogen and plasticizer-free
- extremely abrasion-resistant via specific reinforcements underneath the spiral
- good flexibility
- good chemical resistance
- generally good UV and ozone resistance
- gas-tight
- increased pressure and vacuum resistance
- high tensile strength
- mostly smooth inner lining
- optimum flow characteristics
- microbe and hydrolysis-resistant
- 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

Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	outer Ø c. mm	weight c. kg/m	article no.	stock length
32	4,85	9600	80	42	0,66	114-032-501	/
40	4,27	9600	100	50	0,83	114-040-501	/
50	4	9600	125	61	1,04	114-050-501	10m
55	3,75	9100	140	65	1,1	114-055-501	/
60	3,6	9100	150	70	1,2	114-060-501	10m
65	3,3	9100	165	75	1,29	114-065-501	10m
70	3,15	9100	175	80	1,38	114-070-501	10m
75	2,92	9100	190	87	1,61	114-075-501	10m
80	2,77	9100	200	93	1,93	114-080-501	10m
90	2,4	9100	225	103	2,16	114-090-501	/
100	2,1	8900	250	115	2,6	114-100-501	10m
110	1,95	8900	275	124	2,82	114-110-501	/
115	1,8	8900	290	129	2,94	114-115-501	/
120	1,65	8900	300	134	3,07	114-120-501	/
125	1,65	8900	315	140	3,44	114-125-501	10m
130	1,65	8550	325	145	3,54	114-130-501	/
140	1,5	8460	350	153	3,81	114-140-501	/
150	1,5	8370	450	167	4,13	114-150-501	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.