

Master-Clip PTFE

Suction and blower hose for corrosive media up to +250°C



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: PTFE-coated glass fabric

Applications

- Suction of aggressive media
- Solvent extraction
- Low pressure range
- Paint, wood and paper industry
- Pharmaceutical industry
- Paint mist extraction
- Chemicals industry

Properties

- excellent chemical resistance
- outer chafing protection spiral
- PTFE: no health risk
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- cold and heat resistant
- weather-proof
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- extremely compressable to approx. 1:6
- highly flexible
- anti-adhesive wall lining material
- optimum medium flow characteristics
- extremely lightweight

Temperature Range

- -150°C to +250°C
- peaks to +270°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production lengths	max. production length
	bar	bar	mm	kg		m	m
45	0,87	0,33	27	0,4	000354:45:x	3-10	20
50	0,85	0,31	30	0,4	000354:50:x	3-10	20
55	0,78	0,26	33	0,4	000354:55:x	3-10	20
60	0,68	0,22	36	0,5	000354:60:x	3-10	20
65	0,59	0,19	39	0,5	000354:65:x	3-10	20
70	0,53	0,16	42	0,5	000354:70:x	3-10	20
75	0,47	0,14	45	0,6	000354:75:x	3-10	20
80	0,43	0,12	48	0,6	000354:80:x	3-10	20
90	0,355	0,1	54	0,6	000354:90:x	3-10	20
100	0,3	0,08	60	0,6	000354:100:x	3-10	20
110	0,258	0,07	66	0,6	000354:110:x	3-10	20
120	0,224	0,06	72	0,7	000354:120:x	3-10	20
125	0,21	0,05	75	0,7	000354:125:x	3-10	20
130	0,197	0,05	78	0,7	000354:130:x	3-10	20
140	0,175	0,04	84	0,8	000354:140:x	3-10	15
150	0,157	0,04	90	0,8	000354:150:x	3-10	15
160	0,14	0,03	96	0,9	000354:160:x	3-10	15
170	0,128	0,03	102	0,9	000354:170:x	3-10	15
175	0,123	0,03	105	1	000354:175:x	3-10	15
180	0,117	0,02	108	1	000354:180:x	3-10	15
200	0,099	0,02	120	1,1	000354:200:x	3-10	15
215	0,088	0,02	151	1,2	000354:215:x	3-10	15
225	0,082	0,02	158	1,3	000354:225:x	3-10	15
250	0,069	0,01	175	1,4	000354:250:x	3-10	15
275	0,059	0,01	193	1,7	000354:275:x	3-10	10
300	0,052	0,01	210	1,9	000354:300:x	3-10	10
315	0,048	0,01	221	2	000354:315:x	3-10	10
325	0,046	0,01	228	2,1	000354:325:x	3-10	10
350	0,04	0,01	245	2,3	000354:350:x	3-10	10
375	0,036	0,01	263	2,7	000354:375:x	3-10	10
400	0,033	0,01	280	2,9	000354:400:x	3-6	6
450	0,027	0,01	360	3,5	000354:450:x	3-6	6

500	0,023	0,01	400	3,9	000354:500:x	3-6	6
550	0,02	0,01	440	4,4	000354:550:x	3-6	6
600	0,017	0,01	480	4,9	000354:600:x	3-6	6
700	0,014	0,01	560	5,8	000354:700:x	3	3
800	0,011	0,01	640	6,7	000354:800:x	3	3
900	0,009	0,01	720	7,6	000354:900:x	3	3

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.

Manufacturing and Delivery

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

Available on request

- Available on request in other lengths, sizes, colours, spiral intervals, with stainless steel spirals.