

Master-Clip PTFE H

Suction and blower hose for corrosive media up to +175°C



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: inner layer: PTFE foil, outer layer: HYPALON®-coated polyester fabric

Applications

- Suction/extraction of aggressive media in medium temperature range
- 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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- vibration-proof
- cold and heat resistant
- weather-proof
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- extremely compressable to approx. 1:4
- highly flexible
- robust outer wall material
- anti-adhesive internal wall lining material
- optimum medium flow characteristics
- smallest bending radii
- UV/ozone-proof

Temperature Range

- -40°C to +175°C
- peaks to +190°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production lengths	max. production length
	bar	bar	mm	kg		m	m
38	0,94	0,52	23	0,5	000358:38:x	3-6	25
40	0,93	0,51	24	0,5	000358:40:x	3-6	25
45	0,92	0,48	27	0,5	000358:45:x	3-6	25
50	0,9	0,43	30	0,5	000358:50:x	3-6	25
55	0,85	0,36	33	0,5	000358:55:x	3-6	25
60	0,78	0,3	36	0,6	000358:60:x	3-6	25
65	0,68	0,26	39	0,7	000358:65:x	3-6	25
70	0,67	0,22	42	0,7	000358:70:x	3-6	25
75	0,62	0,19	45	0,8	000358:75:x	3-6	25
80	0,61	0,17	48	0,8	000358:80:x	3-6	25
90	0,56	0,13	54	0,9	000358:90:x	3-6	25
100	0,51	0,11	60	1	000358:100:x	3-6	25
110	0,48	0,09	66	1,1	000358:110:x	3-6	25
120	0,36	0,08	72	1,1	000358:120:x	3-6	25
125	0,33	0,07	75	1,2	000358:125:x	3-6	25
130	0,28	0,06	78	1,2	000358:130:x	3-6	25
140	0,25	0,06	84	1,3	000358:140:x	3-6	25
150	0,22	0,05	90	1,3	000358:150:x	3-6	25
160	0,21	0,04	96	1,3	000358:160:x	3-6	25
170	0,19	0,04	102	1,4	000358:170:x	3-6	25
175	0,185	0,04	105	1,4	000358:175:x	3-6	25
180	0,172	0,03	108	1,4	000358:180:x	3-6	25
200	0,148	0,03	120	1,6	000358:200:x	3-6	25
215	0,128	0,03	151	1,8	000358:215:x	3-6	25
225	0,115	0,02	158	2	000358:225:x	3-6	25
250	0,1	0,02	175	2,1	000358:250:x	3-6	25
275	0,08	0,02	193	2,3	000358:275:x	3-6	20
300	0,07	0,01	210	2,4	000358:300:x	3-6	20
325	0,059	0,01	228	2,8	000358:325:x	3-6	20
350	0,056	0,01	245	3,3	000358:350:x	3-6	20

375	0,05	0,01	263	3,5	000358:375:x	3-6	20
400	0,047	0,01	280	3,8	000358:400:x	3-6	15
450	0,045	0,01	360	4,2	000358:450:x	3-6	15
500	0,043	0,01	400	4,7	000358:500:x	3-6	15
550	0,042	0,01	440	5,3	000358:550:x	3-6	10
600	0,039	0,01	480	5,9	000358:600:x	3-6	10
700	0,031	0,01	560	6,9	000358:700:x	3-6	10
800	0,022	0,01	640	7,6	000358:800:x	3-6	8
900	0,016	0,01	720	8,2	000358:900:x	3-6	8

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.