

Master-Clip PTFE S

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: inner layer: PTFE foil, outer layer: silicone-coated glass 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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- 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
- super lightweight
- highly flexible
- robust outer wall material
- anti-adhesive internal wall lining material
- optimum medium flow characteristics
- smallest bending radii
- UV/ozone-proof

Temperature Range

- -70°C to +250°C
- peaks to +270°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production length	max. production length
	bar	bar	mm	kg		m	m
50	0,85	0,35	30	0,5	000361:50:x	3-6	20
55	0,78	0,29	33	0,5	000361:55:x	3-6	20
60	0,68	0,24	36	0,6	000361:60:x	3-6	20
65	0,59	0,21	39	0,7	000361:65:x	3-6	20
70	0,53	0,17	42	0,7	000361:70:x	3-6	20
75	0,47	0,15	45	0,8	000361:75:x	3-6	20
80	0,43	0,14	48	0,8	000361:80:x	3-6	20
90	0,355	0,11	54	0,9	000361:90:x	3-6	20
100	0,3	0,09	60	1	000361:100:x	3-6	20
110	0,258	0,07	66	1,1	000361:110:x	3-6	20
120	0,224	0,06	72	1,1	000361:120:x	3-6	20
125	0,21	0,05	75	1,2	000361:125:x	3-6	20
130	0,197	0,05	78	1,2	000361:130:x	3-6	20
140	0,175	0,05	84	1,3	000361:140:x	3-6	20
150	0,157	0,04	90	1,3	000361:150:x	3-6	20
160	0,14	0,03	96	1,3	000361:160:x	3-6	20
170	0,128	0,03	102	1,4	000361:170:x	3-6	20
175	0,123	0,03	105	1,4	000361:175:x	3-6	20
180	0,117	0,03	108	1,4	000361:180:x	3-6	20
200	0,099	0,02	120	1,6	000361:200:x	3-6	20
215	0,088	0,02	151	1,8	000361:215:x	3-6	15
225	0,082	0,02	158	2	000361:225:x	3-6	15
250	0,069	0,02	175	2,1	000361:250:x	3-6	15
275	0,059	0,01	193	2,3	000361:275:x	3-6	15
300	0,052	0,01	210	2,4	000361:300:x	3-6	15
315	0,048	0,01	221	2,6	000361:315:x	3-6	15
325	0,046	0,01	228	2,8	000361:325:x	3-6	15
350	0,04	0,01	245	3,3	000361:350:x	3-6	10
375	0,036	0,01	263	3,5	000361:375:x	3-6	10
400	0,033	0,01	280	3,8	000361:400:x	3-6	10

450	0,027	0,01	360	4,2	000361:450:x	3-6	10
500	0,023	0,01	400	4,7	000361:500:x	3-6	10
550	0,02	0,01	440	5,3	000361:550:x	3-6	6
600	0,017	0,01	480	5,9	000361:600:x	3-6	6
700	0,014	0,01	560	6,9	000361:700:x	3-6	6
800	0,011	0,01	640	7,6	000361:800:x	3-6	6
900	0,009	0,01	720	8,2	000361:900:x	3-6	5

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.