

Master-Clip PTFE

Suction & Blower Hose for
corrosive
media up to +250 °C



Material

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

Applications

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

Properties

- highly flexible
- excellent chemical resistance
- cold and heat-resistant
- weather-proof
- extremely compressible to approx. 1:6
- anti-adhesive wall lining material
- optimum medium flow characteristics
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- PTFE: no health risk
- adheres to TRBS 2153 (Zone 1, 21) for non-flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding of Clips and gradient of < 30 mm (see chapter 17.10.5)

Temperature Range

- -150°C to +250°C
- peaks to +270°C

Master-Clip PTFE

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
40	0,9	3600	24	0,4	250-040-113		
45	0,87	3400	27	0,4	250-045-113		
50	0,85	3200	30	0,4	250-050-113		
55	0,78	2650	33	0,4	250-055-113		
60	0,68	2220	36	0,5	250-060-113		
65	0,59	1900	39	0,5	250-065-113		
70	0,53	1600	42	0,5	250-070-113		
75	0,47	1400	45	0,6	250-075-113		
80	0,43	1250	48	0,6	250-080-113		
90	0,355	1000	54	0,6	250-090-113		
100	0,3	800	60	0,6	250-100-113		
110	0,258	660	66	0,6	250-110-113		
120	0,224	560	72	0,7	250-120-113		
125	0,21	500	75	0,7	250-125-113		
130	0,197	470	78	0,7	250-130-113		
140	0,175	410	84	0,8	250-140-113		
150	0,157	360	90	0,8	250-150-113		
160	0,14	310	96	0,9	250-160-113		
170	0,128	280	102	0,9	250-170-113		
175	0,123	260	105	1	250-175-113		
180	0,117	245	108	1	250-180-113		
200	0,099	200	120	1,1	250-200-113		
215	0,088	175	151	1,2	250-215-113		
225	0,082	160	158	1,3	250-225-113		
250	0,069	130	175	1,4	250-250-113		
275	0,059	105	193	1,7	250-275-113		
300	0,052	90	210	1,9	250-300-113		
315	0,048	80	221	2	250-315-113		
325	0,046	75	228	2,1	250-325-113		
350	0,04	65	245	2,3	250-350-113		
375	0,036	55	263	2,7	250-375-113		
400	0,033	50	280	2,9	250-400-113		
450	0,027	40	360	3,5	250-450-113		
500	0,023	32	400	3,9	250-500-113		
550	0,02	26	440	4,4	250-550-113		
600	0,017	22	480	4,9	250-600-113		
700	0,014	16	560	5,8	250-700-113		
800	0,011	13	640	6,7	250-800-113		
900	0,009	10	720	7,6	250-900-113		

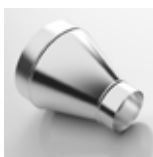
All data refers to a media and ambient temperature of +20 °C

* refers to the inside of the hose

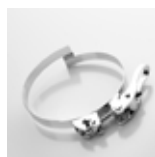
Order-specific production in above listed sizes and lengths of 3m or 6m, available within 48 hrs on request.

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

Subject to technical changes and colour deviations.



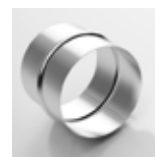
Hose Reducer,
symmetrical



Clip-Grip quick action
clamp



Clip-Grip Hose clamp,
screwable



Hose Connector