

Master-Clip PTFE S-EL

Suction & Blower Hose
for corrosive media up to
+250°C, electroconductive
< 10⁶ Ohm



Material

clip profile spiral: hot-dip galvanised steel band
wall: inner layer: PTFE foil, outer layer:
silicone-coated glass fabric

Applications

- Danger zones, which require electrically conductive hoses
- Pharmaceutical industry
- Chemicals
- Low pressure range
- Suction and conveyance of aggressive media, explosive gases and fumes
- Paint, wood and paper industry
- Solvent extraction

Properties

- smallest bending radii
- highly flexible
- UV/ozone-proof
- vibration-proof
- excellent chemical resistance
- cold and heat-resistant
- weather-proof
- optimum medium flow characteristics
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- adheres to TRBS 2153 (Zone 0/20) for flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding
- PTFE-Folie: surface resistance $R_o < 10^6$ Ohm
- extremely compressible to approx. 1:4
- robust outer wall material
- anti-adhesive internal wall lining material

Temperature Range

- -70°C to +250°C
- peaks to +270°C

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
50	0,85	3520	30	0,5	262-050-216		
55	0,78	2920	33	0,5	262-055-216		
60	0,68	2450	36	0,6	262-060-216		
65	0,59	2090	39	0,7	262-065-216		
70	0,53	1760	42	0,7	262-070-216		
75	0,47	1540	45	0,8	262-075-216		
80	0,43	1380	48	0,8	262-080-216		
90	0,355	1100	54	0,9	262-090-216		
100	0,3	880	60	1	262-100-216		
110	0,258	730	66	1,1	262-110-216		
120	0,224	620	72	1,1	262-120-216		
125	0,21	550	75	1,2	262-125-216		
130	0,197	520	78	1,2	262-130-216		
140	0,175	460	84	1,3	262-140-216		
150	0,157	400	90	1,3	262-150-216		
160	0,14	350	96	1,3	262-160-216		
170	0,128	310	102	1,4	262-170-216		
175	0,123	290	105	1,4	262-175-216		
180	0,117	270	108	1,4	262-180-216		
200	0,099	220	120	1,6	262-200-216		
215	0,088	200	151	1,8	262-215-216		
225	0,082	180	158	2	262-225-216		
250	0,069	150	175	2,1	262-250-216		
275	0,059	120	193	2,3	262-275-216		
300	0,052	100	210	2,4	262-300-216		
315	0,048	90	221	2,6	262-315-216		
325	0,046	85	228	2,8	262-325-216		
350	0,04	75	245	3,3	262-350-216		
375	0,036	65	263	3,5	262-375-216		
400	0,033	55	280	3,8	262-400-216		
450	0,027	45	360	4,2	262-450-216		
500	0,023	35	400	4,7	262-500-216		
550	0,02	30	440	5,3	262-550-216		
600	0,017	25	480	5,9	262-600-216		
700	0,014	20	560	6,9	262-700-216		
800	0,011	16	640	7,6	262-800-216		
900	0,009	12	720	8,2	262-900-216		

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.