

Master-Clip PTFE S EL

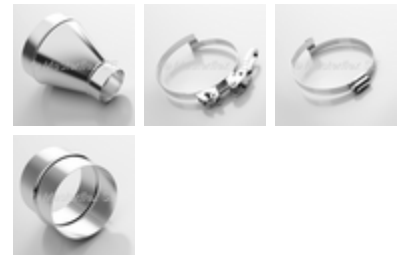
Suction & Blower hose for corrosive media up to +250°C, electroconductive <math>< 10^6 \text{ Ohm}</math>



Technical Drawing



Connections



Construction



Material

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

Applications

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

Properties

- outer chafing protection spiral
- excellent chemical resistance
- PTFE-foil: surface resistance $R_o < 10^6 \text{ Ohm}$

- approved acc. to TRGS 727 and ATEX 2014/34 EU. [Details acc. to certificate](#)
- vibration-proof
- cold and heat resistant
- super lightweight
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- highly flexible
- smallest bending radii
- extremely compressable to approx. 1:4
- UV/ozone-proof
- weather-proof
- robust outer wall material
- anti-adhesive internal wall lining material
- optimum medium flow characteristics

Temperature Range

- -70°C to +250°C
- peaks to +270°C

Product Variations (**Please replace “x” with your desired hose length.)

DN	op. pressure	vacuum	bend radius	weight/m	old article no.	**new article no.	production length	max. production length
	bar	bar	mm	kg			m	m
50	0,85	0,35	30	0,5	262-050-216	000373:50:x	3-10	10
55	0,78	0,29	33	0,5	262-055-216	000373:55:x	3-10	10
60	0,68	0,24	36	0,6	262-060-216	000373:60:x	3-10	10
65	0,59	0,21	39	0,7	262-065-216	000373:65:x	3-10	10
70	0,53	0,17	42	0,7	262-070-216	000373:70:x	3-10	10
75	0,47	0,15	45	0,8	262-075-216	000373:75:x	3-10	10
80	0,43	0,14	48	0,8	262-080-216	000373:80:x	3-10	10
90	0,355	0,11	54	0,9	262-090-216	000373:90:x	3-10	10
100	0,3	0,09	60	1	262-100-216	000373:100:x	3-10	10
110	0,258	0,07	66	1,1	262-110-216	000373:110:x	3-10	10
120	0,224	0,06	72	1,1	262-120-216	000373:120:x	3-10	10
125	0,21	0,05	75	1,2	262-125-216	000373:125:x	3-10	10
130	0,197	0,05	78	1,2	262-130-216	000373:130:x	3-10	10
140	0,175	0,05	84	1,3	262-140-216	000373:140:x	3-10	10
150	0,157	0,04	90	1,3	262-150-216	000373:150:x	3-10	10
160	0,14	0,03	96	1,3	262-160-216	000373:160:x	3-10	10
170	0,128	0,03	102	1,4	262-170-216	000373:170:x	3-10	10
175	0,123	0,03	105	1,4	262-175-216	000373:175:x	3-10	10
180	0,117	0,03	108	1,4	262-180-216	000373:180:x	3-10	10
200	0,099	0,02	120	1,6	262-200-216	000373:200:x	3-10	10
215	0,088	0,02	151	1,8	262-215-216	000373:215:x	3-10	10
225	0,082	0,02	158	2	262-225-216	000373:225:x	3-10	10
250	0,069	0,02	175	2,1	262-250-216	000373:250:x	3-10	10
275	0,059	0,01	193	2,3	262-275-216	000373:275:x	3-10	10
300	0,052	0,01	210	2,4	262-300-216	000373:300:x	3-10	10
315	0,048	0,01	221	2,6	262-315-216	000373:315:x	3-10	10
325	0,046	0,01	228	2,8	262-325-216	000373:325:x	3-10	10
350	0,04	0,01	245	3,3	262-350-216	000373:350:x	3-10	10

375	0,036	0,01	263	3,5	262-375-216	000373:375:x	3-10	10
400	0,033	0,01	280	3,8	262-400-216	000373:400:x	3-10	10
450	0,027	0,01	360	4,2	262-450-216	000373:450:x	3-10	10
500	0,023	0,01	400	4,7	262-500-216	000373:500:x	3-10	10
550	0,02	0,01	440	5,3	262-550-216	000373:550:x	3-10	10
600	0,017	0,01	480	5,9	262-600-216	000373:600:x	3-10	10
700	0,014	0,01	560	6,9	262-700-216	000373:700:x	3-10	10
800	0,011	0,01	640	7,6	262-800-216	000373:800:x	3-10	10
900	0,009	0,01	720	8,2	262-900-216	000373:900:x	3-10	10

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.

Order-specific production

- Order-specific production in above listed sizes and lengths of 3 to 10m

Available on request

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