

Master-Clip VINYL EL

Suction & Blower hose made from PVC coated polyester fabric, electroconductive, surface resistance <math> < 10^6 </math> Ohm



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: PVC-coated polyester fabric, electrically conductive $< 10^6 </math> Ohm$

Applications

- Danger zones, which requires electro-conductivity acc. to TRGS
- Suction and conveyance of aggressive media, explosive gases and fumes
- Air supply and extraction in explosion-protected areas
- for greater mechanical demands
- Low pressure range
- Extractor units

Properties

- outer chafing protection spiral
- surface resistance <math> < 10^6 </math> Ohm
- vibration-proof
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- robust wall material
- withstands high mechanical loads
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- extremely compressable to approx. 1:6
- highly flexible
- approved according to TRGS 727 and ATEX 2014/34 EU. [Details according to certificate.](#)
- smallest bending radii
- extremely lightweight

Temperature Range

- -20°C to +70°C
- peaks to +80°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	0,9	0,31	30	0,55	000367:50:x	3-10	20
55	0,85	0,26	33	0,60	000367:55:x	3-10	20
60	0,78	0,22	36	0,64	000367:60:x	3-10	20
65	0,68	0,19	39	0,69	000367:65:x	3-10	20
70	0,67	0,16	42	0,74	000367:70:x	3-10	20
75	0,62	0,14	45	0,79	000367:75:x	3-10	20
80	0,61	0,12	48	0,84	000367:80:x	3-10	20
90	0,56	0,11	54	0,94	000367:90:x	3-10	20
100	0,51	0,1	60	0,77	000367:100:x	3-10	20
110	0,48	0,08	66	0,85	000367:110:x	3-10	20
120	0,36	0,07	72	0,93	000367:120:x	3-10	20
125	0,33	0,06	75	0,97	000367:125:x	3-10	20
130	0,28	0,06	78	1,00	000367:130:x	3-10	20
140	0,25	0,05	84	1,10	000367:140:x	3-10	20
150	0,22	0,04	90	1,16	000367:150:x	3-10	20
160	0,21	0,04	96	3,14	000367:160:x	3-10	20
170	0,19	0,03	102	3,33	000367:170:x	3-10	20
175	0,185	0,03	105	3,43	000367:175:x	3-10	20
180	0,172	0,03	108	3,52	000367:180:x	3-10	20
200	0,148	0,03	120	3,90	000367:200:x	3-10	20
215	0,128	0,02	151	4,18	000367:215:x	3-10	20
225	0,115	0,02	158	4,73	000367:225:x	3-10	20
250	0,1	0,02	175	4,84	000367:250:x	3-10	20
275	0,08	0,01	193	5,31	000367:275:x	3-10	20
300	0,07	0,01	210	5,78	000367:300:x	3-10	20
315	0,062	0,01	221	6,10	000367:315:x	3-10	20
325	0,059	0,01	228	6,25	000367:325:x	3-10	20
350	0,056	0,01	245	6,72	000367:350:x	3-10	20
375	0,05	0,01	263	7,19	000367:375:x	3-10	20
400	0,047	0,01	280	7,66	000367:400:x	3-10	20
450	0,045	0,01	360	8,60	000367:450:x	3-10	20

500	0,043	0,01	400	9,64	000367:500:x	3-10	20
550	0,042	0,01	440	10,49	000367:550:x	3-10	20
600	0,039	0,01	480	11,43	000367:600:x	3-10	15
700	0,031	0,01	560	10,84	000367:700:x	3-10	15
800	0,022	0,01	640	15,20	000367:800:x	3-10	15
900	0,016	0,01	720	17,10	000367:900:x	3-10	15

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.