

Master-Clip SPARK

Special hose for welding fumes extraction, made from PVC-coated glass fabric



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: PVC-coated glass fabric, flame retardent

Applications

- Welding fume extraction
- for greater safety requirements
- Air-conditioning and ventilation systems
- Air supply and extraction
- Tent heating
- Solder fume extraction
- Low pressure range
- Extractor units

Properties

- hardly inflammable
- primarily resistant to flying sparks
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- outer chafing protection spiral
- good mechanical resistance
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- extremely compressable to approx. 1:6
- highly flexible
- smallest bending radii
- extremely lightweight

Temperature Range

- -20°C to +90°C
- peaks to +110°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production length	max. production length
	bar	bar	mm	kg		m	m
40	0,9	0,35	24	0,4	000264:40:x	3-10	25
45	0,87	0,33	27	0,4	000264:45:x	3-10	25
50	0,85	0,31	30	0,4	000264:50:x	3-10	25
55	0,78	0,26	33	0,4	000264:55:x	3-10	25
60	0,68	0,22	36	0,5	000264:60:x	3-10	25
65	0,59	0,19	39	0,5	000264:65:x	3-10	25
70	0,53	0,16	42	0,5	000264:70:x	3-10	25
75	0,47	0,14	45	0,6	000264:75:x	3-10	25
80	0,43	0,12	48	0,6	000264:80:x	3-10	25
90	0,355	0,1	54	0,6	000264:90:x	3-10	25
100	0,3	0,08	60	0,6	000264:100:x	3-10	25
110	0,258	0,07	66	0,7	000264:110:x	3-10	25
120	0,224	0,06	72	0,7	000264:120:x	3-10	25
125	0,21	0,05	75	0,8	000264:125:x	3-10	25
130	0,197	0,05	78	0,8	000264:130:x	3-10	25
140	0,175	0,04	84	0,8	000264:140:x	3-10	25
150	0,157	0,04	90	0,9	000264:150:x	3-10	25
160	0,14	0,03	96	0,9	000264:160:x	3-10	25
170	0,128	0,03	102	0,9	000264:170:x	3-10	25
175	0,123	0,03	105	1	000264:175:x	3-10	25
180	0,117	0,02	108	1	000264:180:x	3-10	25
200	0,099	0,02	120	1,2	000264:200:x	3-10	25
215	0,088	0,02	151	1,3	000264:215:x	3-10	25
225	0,082	0,02	158	1,4	000264:225:x	3-10	25
250	0,069	0,01	175	1,6	000264:250:x	3-10	25
275	0,059	0,01	193	1,9	000264:275:x	3-10	25
300	0,052	0,01	210	2,1	000264:300:x	3-10	25
315	0,048	0,01	221	2,1	000264:315:x	3-10	25
325	0,046	0,01	228	2,2	000264:325:x	3-10	25
350	0,04	0,01	245	2,5	000264:350:x	3-10	25
375	0,036	0,01	263	2,9	000264:375:x	3-10	25
400	0,033	0,01	280	3,1	000264:400:x	3-10	25

450	0,027	0,01	360	3,6	000264:450:x	3-10	25
500	0,023	0,01	400	4,1	000264:500:x	3-10	20
550	0,02	0,01	440	4,6	000264:550:x	3-10	20
600	0,017	0,01	480	5,1	000264:600:x	3-10	20
700	0,013	0,01	560	6	000264:700:x	3-10	20
800	0,011	0,01	640	6,9	000264:800:x	3-10	20
900	0,009	0,01	720	7,8	000264:900:x	3-10	20

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

- Customised production in the above-mentioned nominal widths and lengths

Available on request

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