

Master-Clip SPARK XL

Special hose for welding fume extraction with increased risk of flying sparks



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: special-coated textile high-temperature fabric

Applications

- for greater safety requirements
- Grinding dust extraction with high degree of flying sparks
- Welding fume extraction with greater degree of flying sparks
- Suction of hot and abrasive sanding dust

Properties

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

Temperature Range

- -40°C to +200°C
- peaks to +280°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	0,97	000329:50:x	3-10	15
55	0,85	0,26	33	1,04	000329:55:x	3-10	15
60	0,78	0,22	36	1,1	000329:60:x	3-10	15
65	0,68	0,19	39	1,17	000329:65:x	3-10	15
70	0,67	0,16	42	1,253	000329:70:x	3-10	15
75	0,62	0,14	45	1,3	000329:75:x	3-10	15
80	0,61	0,12	48	1,36	000329:80:x	3-10	15
90	0,56	0,1	54	1,55	000329:90:x	3-10	15
100	0,51	0,08	60	1,74	000329:100:x	3-10	15
110	0,48	0,07	66	1,97	000329:110:x	3-10	15
120	0,36	0,06	72	2,16	000329:120:x	3-10	15
125	0,33	0,05	75	2,29	000329:125:x	3-10	15
130	0,28	0,05	78	2,35	000329:130:x	3-10	15
140	0,25	0,04	84	2,43	000329:140:x	3-10	15
150	0,22	0,04	90	2,56	000329:150:x	3-10	15
160	0,21	0,03	96	1,98	000329:160:x	3-10	15
170	0,19	0,03	107	2,1	000329:170:x	3-10	15
175	0,185	0,03	105	2,25	000329:175:x	3-10	15
180	0,172	0,02	108	2,35	000329:180:x	3-10	15
200	0,148	0,02	120	2,56	000329:200:x	3-10	15
215	0,128	0,02	151	2,69	000329:215:x	3-10	15
225	0,115	0,02	158	2,8	000329:225:x	3-10	15
250	0,1	0,01	175	3,1	000329:250:x	3-10	15
275	0,08	0,01	193	3,34	000329:275:x	3-10	15
300	0,07	0,01	232	3,6	000329:300:x	3-10	15
315	0,062	0,01	221	3,82	000329:315:x	3-10	15
325	0,059	0,01	228	3,92	000329:325:x	3-10	15
350	0,056	0,01	245	4,15	000329:350:x	3-10	15
375	0,05	0,01	263	4,45	000329:375:x	3-10	15
400	0,047	0,01	280	4,64	000329:400:x	3-10	15
450	0,045	360	5,11	000329:450:x	3-10	15	
500	0,043	0,01	400	5,59	000329:500:x	3-10	15
550	0,042	0,01	440	6,16	000329:550:x	3-10	15
600	0,039	0,01	480	6,63	000329:600:x	3-10	15
700	0,031	0,01	560	7,68	000329:700:x	3-10	15

800	0,022	0,01	640	8,72	000329:800:x	3-10	15
900	0,016	0,01	720	9,67	000329:900: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

- 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.