

SPECIAL HOSE EXTRACTION OF WELDING FUMES

Master-Clip SPARK

Material

Hose wall: PVC-coated glass fabric, flame-resistant
External helix: galvanized steel

Applications

- Air-conditioning/ventilation systems
- Ducting and extraction of air
- Welding fume extraction
- Exhaust equipment
- Tent heating
- Solder fume extraction
- Areas with raised safety requirements
- Low pressure applications

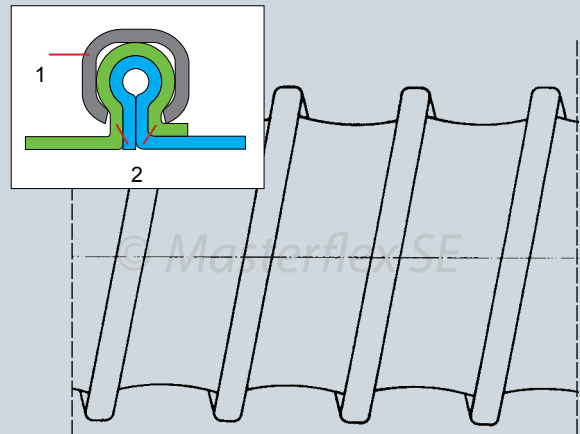
Properties

- Flame-resistant to UL214 criteria
- Primarily resistant to flying sparks
- Good resistance to mechanical damage
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- External steel helix protects against abrasion



Construction

1. External helix
2. Hose wall: PVC-coated glass fabric, flame-resistant



Temperature Range

- -5°F up to +195°F*
- Intermittent to +230°F

Chem. Resistance

- See resistance table

*Hoses operating near maximum temperature range should be used within a properly designed negative pressure fan system to avoid damaging the hose. Please consult your local representative for more details.

Master-Clip SPARK

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
2.50	237	76	1.56	0.3355	215-063-604
3.00	189	56	1.80	0.4026	215-075-604
3.50	143	40	2.16	0.4026	215-090-604
4.00	121	32	2.40	0.4026	215-100-604
4.50	104	26	2.64	0.4697	215-115-604
5.00	84	20	3.00	0.5368	215-125-604
5.50	70	16	3.36	0.5368	215-140-604
6.00	63	14	3.60	0.6039	215-150-604
6.40	56	12	3.84	0.6039	215-160-604
7.00	49	10	4.20	0.6710	215-175-604
8.00	40	8	4.80	0.8052	215-200-604
9.00	33	6	6.32	0.9394	215-225-604
10.00	28	5	7.00	1.0736	215-250-604
11.00	24	4	7.72	1.2749	215-275-604
12.00	21	4	8.40	1.4091	215-300-604
13.00	18	3	9.12	1.4762	215-325-604
14.00	16	3	9.80	1.6775	215-350-604
15.00	14	2	10.52	1.9459	215-375-604
16.00	13	2	11.20	2.0801	215-400-604
18.00	11	2	14.40	2.4156	215-450-604
20.00	9	1	16.00	2.7511	215-500-604
22.00	8	1	17.60	3.0866	215-550-604
24.00	7	1	19.20	3.4221	215-600-604
28.00	6	1	22.40	4.0260	215-700-604
32.00	4	1	25.60	4.6299	215-800-604
36.00	4	1	28.80	5.2338	215-900-604

*Referring to the inner side of the elbow of hose.
The above mentioned data refers to an average and ambient temperature of 68° F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

Standard Production

- Diameter: 2.5" to 36"
- Color: gray
- Standard lengths: 25'

Available on Request

- Special lengths
- Custom design with other pitches and helix sizes
- External helix also in stainless steel
- Special diameters metric

Installation and connection possibilities



Clip-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical

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