

SUCTION AND BLOWER HOSE FOR AIR-CONDITIONING/VENTILATION

Master-Clip Vinyl EC

Material

Hose wall: PVC coated polyester fabric, electrically conductive
Spiral: galvanized steel

Applications

- Dangerous areas, where electrical conductivity is demanded
- Air-conditioning/ventilation systems
- Extraction of corrosive media, explosive gases and vapors
- Suction plants
- Low pressure applications
- Areas with raised safety requirements
- Ventilation and suction in accordance with safety requirements

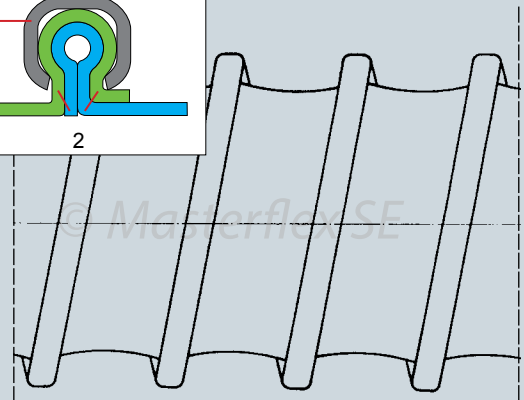
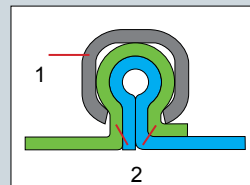
Properties

- **Surface resistance $R_o < 10^6$ Ohm**
- Electrically conductive
- Extra strength outer hose wall
- Good resistance to mechanical damage
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- Vibration-proof
- External steel helix protects against abrasion
- Special clamping method guarantees high tensile strength between hose material and external helix



Construction

1. External helix
2. Hose wall: PVC-coated polyester fabric, electrically conductive



Temperature Range

- -5°F up to +160°F
- Intermittent to +175°F

Chem. Resistance

- See resistance table

Master-Clip Vinyl EC

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
2.60	273	76	1.56	0.4697	260-065-207
2.80	269	64	1.68	0.4697	260-070-207
3.00	249	56	1.80	0.5368	260-075-207
3.20	245	50	1.92	0.5368	260-080-207
3.60	225	44	2.16	0.6039	260-090-207
4.00	205	40	2.40	0.6710	260-100-207
4.40	193	33	2.64	0.7381	260-110-207
4.80	145	28	2.88	0.7381	260-120-207
5.00	133	26	3.00	0.8052	260-125-207
5.20	113	24	3.12	0.8052	260-130-207
5.60	100	20	3.36	0.8723	260-140-207
6.00	88	18	3.60	0.8723	260-150-207
6.40	84	16	3.84	0.8723	260-160-207
6.80	76	14	4.08	0.9394	260-170-207
7.00	74	13	4.20	0.9394	260-175-207
7.20	69	12	4.32	0.9394	260-180-207
8.00	59	10	4.80	1.0736	260-200-207
8.60	51	9	6.04	1.2078	260-215-207
9.00	46	8	6.32	1.3420	260-225-207
10.00	40	6	7.00	1.4091	260-250-207
11.00	32	5	7.72	1.5433	260-275-207
12.00	28	4	8.40	1.6104	260-300-207
12.60	25	4	8.84	1.7446	260-315-207
13.00	24	4	9.12	1.8788	260-325-207
14.00	23	3	9.80	2.2143	260-350-207
15.00	20	3	10.52	2.3485	260-375-207
16.00	19	3	11.20	2.5498	260-400-207
18.00	18	2	14.40	2.8182	260-450-207
20.00	17	2	16.00	3.1537	260-500-207
22.00	17	1	17.60	3.5563	260-550-207
24.00	16	1	19.20	3.9589	260-600-207
28.00	12	1	22.40	4.6299	260-700-207
32.00	9	1	25.60	5.0996	260-800-207
36.00	6	1	28.80	5.5022	260-900-207

*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: 2.6” to 36”
- Color: black
- Standard lengths: 25’

Available on Request

- Special lengths up to 50’
- 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



Hose connector



Hose reducer, symmetrical

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