

GENERAL PURPOSE VENTILATION HOSE FOR TEMPERATURES UP TO +300°F

Master-Clip NEOPRENE

Material

Hose wall: neoprene-coated polyester fabric
External helix: galvanized steel

Applications

- Air-conditioning/ventilation systems
- Automotive industry
- Chemicals industry
- Engine manufacturing
- Exhaust gas extraction
- Suction of aggressive media
- Transport of hot or cold air
- Low pressure applications

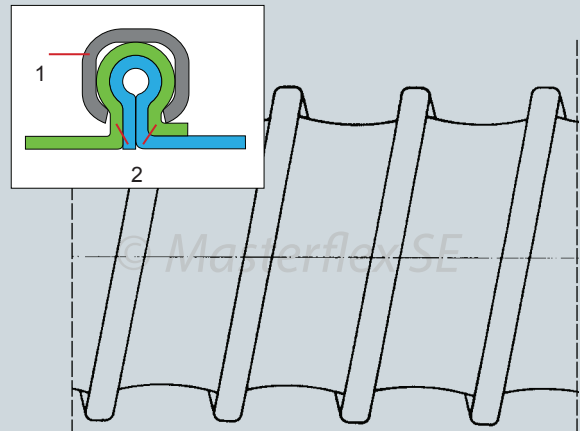
Properties

- Flame-resistant to UL94, UL214 criteria
- Improved temperature resistance
- Good chemical resistance
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- Vibration-proof
- External steel helix protects against abrasion



Construction

1. External helix
2. Hose wall: neoprene-coated polyester fabric



Temperature Range

- -30°F up to +300°F
- Intermittent to +350°F
- When used in exhaust gas systems, gas funnels should be used properly and enough fresh air should be utilized

Chem. Resistance

See resistance table

Master-Clip NEOPRENE

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
2.00	362	160	1.20	0.2684	220-050-107
2.50	273	95	1.56	0.3355	220-060-107
3.00	249	71	1.80	0.3355	220-075-107
3.50	225	49	2.16	0.4026	220-090-107
4.00	205	40	2.40	0.4026	220-100-107
4.50	193	33	2.64	0.4697	220-115-107
5.00	133	26	3.00	0.5368	220-125-107
5.60	100	20	3.36	0.5368	220-140-107
6.00	88	18	3.60	0.6039	220-150-107
6.40	84	16	3.84	0.6039	220-160-107
7.00	74	13	4.20	0.6710	220-175-107
8.00	59	10	4.80	0.8052	220-200-107
9.00	46	8	6.32	0.9394	220-225-107
10.00	40	6	7.00	1.0736	220-250-107
11.00	32	5	7.72	1.2749	220-275-107
12.00	28	4	8.40	1.4091	220-300-107
13.00	24	4	9.12	1.4762	220-325-107
14.00	23	3	9.80	1.6775	220-350-107
15.00	20	3	10.52	1.9459	220-375-107
16.00	19	3	11.20	2.0801	220-400-107
18.00	18	2	14.40	2.4156	220-450-107
20.00	17	2	16.00	2.7511	220-500-107
22.00	17	1	17.60	3.0866	220-550-107
24.00	16	1	19.20	3.4221	220-600-107
28.00	12	1	22.40	4.0260	220-700-107
32.00	9	1	25.60	4.6299	220-800-107
36.00	6	1	28.80	5.2338	220-900-107

*Referring to the inner side of the elbow of hose.

The above mentioned data refers to an average and ambient temperature of 68o F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

Standard Production

- Diameter: 2" to 36"
- Color: black
- 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



Car-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical

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Connecting Values

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