

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

Master-Clip NEOPRENE H

Material

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

Applications

- Transfer of hot or cold air
- Air-conditioning/ventilation systems
- Automotive manufacturing
- Engine manufacturing
- Exhaust fumes equipment
- Extraction of corrosive media
- Chemical industry
- Higher Vacuum applications

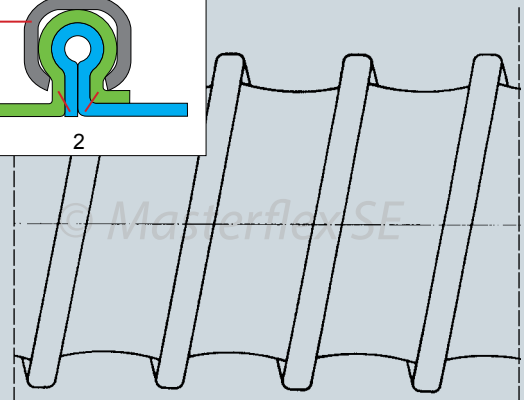
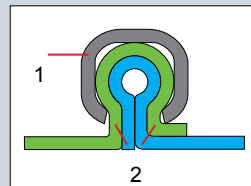
Properties

- Flame-resistant to FTM 5903 criteria
- Improved temperature resistance
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- Vibration-proof
- Good chemical resistance
- External steel helix protects against abrasion



Construction

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



Temperature Range

- -30°F up to +300°F*
- Intermittent to +350°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 NEOPRENE H

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
2.50	273	95	1.56	0.4697	234-063-107
3.00	249	78	1.80	0.5368	234-075-107
3.50	225	54	2.16	0.6039	234-090-107
4.00	205	44	2.40	0.6710	234-100-107
4.50	193	37	2.64	0.7381	234-115-107
5.00	133	28	3.00	0.8052	234-125-107
5.60	100	23	3.36	0.8723	234-140-107
6.00	88	20	3.60	0.8723	234-150-107
6.40	84	17	3.84	0.8723	234-160-107
7.00	74	15	4.20	0.9394	234-175-107
8.00	59	11	4.80	1.0736	234-200-107
9.00	46	9	6.32	1.3420	234-225-107
10.00	40	7	7.00	1.4091	234-250-107
11.00	32	6	7.72	1.5433	234-275-107
12.00	28	5	8.40	1.6104	234-300-107
13.00	24	4	9.12	1.8788	234-325-107
14.00	23	4	9.80	2.2143	234-350-107
15.00	20	3	10.52	2.3485	234-375-107
16.00	19	3	11.20	2.5498	234-400-107
18.00	18	2	14.40	2.8182	234-450-107
20.00	17	2	16.00	3.1537	234-500-107
22.00	17	2	17.60	3.5563	234-550-107
24.00	16	1	19.20	3.9589	234-600-107
28.00	12	1	22.40	4.6299	234-700-107
32.00	9	1	25.60	5.0996	234-800-107
36.00	6	1	28.80	5.5022	234-900-107

*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: 2.5" 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



Clip-Grip hose clamp, screwable



Hose connector screwable



Hose reducer, symmetrical

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