

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

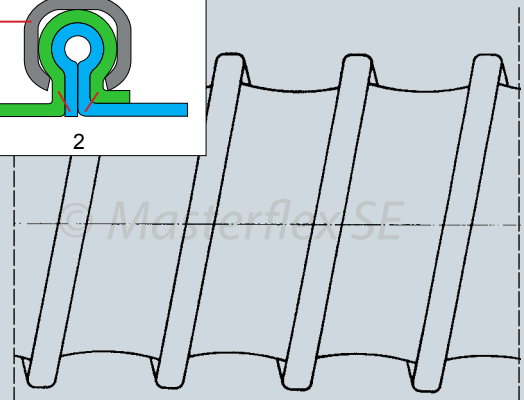
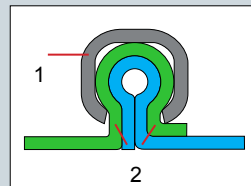
Properties

- 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 used for vehicle exhaust extraction, or operating near maximum temperature, must be used within a properly designed fan system to avoid damaging the hose.

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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