

# MEDIUM/HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +570°F

## Master-Clip SILICONE H

### Material

- Hose wall: blue silicone-coated glass fabric
- External helix: galvanized steel

### Applications

- Machine manufacturing
- Automotive manufacturing
- Defense systems
- Aircraft manufacturing
- Engine manufacturing
- General engineering
- Hot air conveyance
- Extractor units
- Higher vacuum applications
- Especially recommended for diesel applications due to new lighter weight, stronger fabric
- Low pressure applications

### Properties

- Light weight
- Highly durable
- Flame-resistant
- Very high temperature resistance
- Highly flexible
- Compressibility 1:6
- Small bend radius
- Vibration-resistant
- External steel helix protects against abrasion
- Special clamping method guarantees high tensile strength between hose material and external helix
- To maximize life of duct and exhaust system effectiveness, it is recommended to utilize a negative pressure exhaust system and introduce ambient air at the inlet.

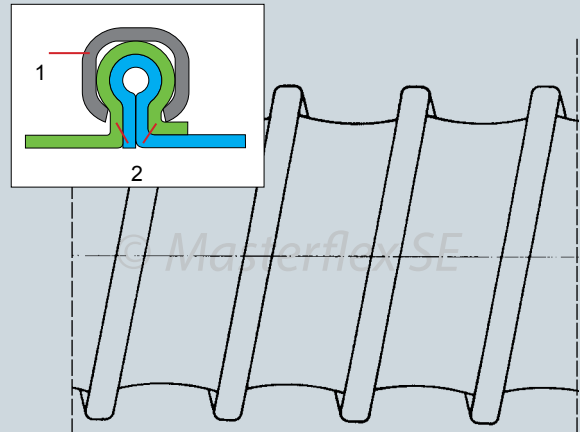
### NEW!

- Lighter weight
- Longer Lasting



### Construction

1. External helix
2. Outer wall: blue silicone-coated glass fabric



### Temperature Range

- -75°F up to +570°F\*
- Intermittent to +625°F

### Chem. Resistance

- See resistance table

\*Hoses used for vehicle exhaust extraction should be used within a properly designed, negative pressure fan system to avoid damaging the hose. Please consult your local vehicle exhaust representative for more details.

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Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
3.00	189	62	1.80	0.628	233-075-118
3.50	143	44	2.16	0.700	233-090-118
4.00	121	35	2.40	0.700	233-100-118
4.50	104	29	2.64	0.788	233-115-118
5.00	84	20	3.00	0.875	233-125-118
5.50	70	18	3.36	0.963	233-140-118
6.00	63	16	3.60	1.165	233-150-118
6.40	56	14	3.84	1.138	233-160-118
7.00	49	12	4.20	1.177	233-175-118
8.00	40	9	4.80	1.439	233-200-118
9.00	33	7	6.32	1.777	233-225-118
10.00	28	6	7.00	2.130	233-250-118
11.00	24	5	7.72	2.307	233-275-118
12.00	21	4	8.40	2.485	233-300-118
13.00	18	3	9.12	3.195	233-325-118
14.00	16	3	9.80	3.462	233-350-118
15.00	14	3	10.52	3.994	233-375-118
16.00	13	2	11.20	4.527	233-400-118
18.00	11	2	14.40	5.148	233-450-118
20.00	9	1	16.00	5.681	233-500-118
22.00	8	1	17.60	6.657	233-550-118
24.00	7	1	19.20	7.634	233-600-118
28.00	6	1	22.40	8.700	233-700-118
32.00	4	1	25.60	9.787	233-800-118
36.00	4	1	28.80	11.038	233-900-118

\*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: 3" to 36"
- Color: blue
- 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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