

EXHAUST GAS HOSE - CRUSH RESISTANT FOR TEMPERATURES UP TO +300°F

Carflex Super

Material

Hose wall: polyester fabric, coated with EPDM/PP
External helix: plastic helical section

Applications

- Exhaust gas hose which can be driven over repeatedly
- Average stress when extracting exhaust gas from spark ignition or diesel engines
- All normal exhaust extraction systems, such as, hose reel, slotted channels, above-floor and under-floor, suction extraction

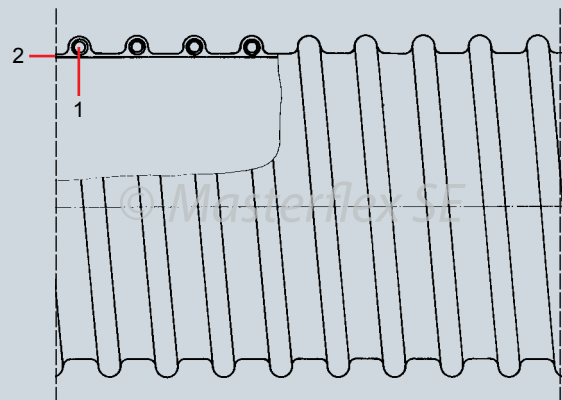
Properties

- Can be driven over repeatedly
- Excellent recovery properties
- High resistance to mechanical loads
- Extremely flexible
- Compressibility 1:2
- Small bend radius
- Super lightweight
- Robust
- Good tensile/tear-proof
- Good flow characteristics
- Welded construction
- Reinforced by plastic spiral
- 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.



Construction

1. Plastic helical section
2. Hose wall: polyester fabric, coated with EPDM/PP



Temperature Range*

- Exhaust gas temperatures up to +300°F when exhaust gas funnels are used properly and enough fresh air is utilized

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.

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Dia (in.)	Outer Dia (in.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
2.50	3.32	112	2.6	0.27511	320-063-119
3.00	3.80	96	3.0	0.32208	320-075-119
3.20	4.00	92	3.2	0.34221	320-080-119
4.00	4.80	72	4.0	0.42944	320-100-119
5.00	5.80	48	5.0	0.52338	320-125-119
6.00	6.80	20	6.0	0.62403	320-150-119
8.00	8.80	8	8.0	0.81862	320-200-119

*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: 2.5" to 8"
- Color: hose wall black, red spiral
- Standard lengths: 25'

Available on Request

- Special lengths
- Special diameters 2" to 12"
- Abrasion protection profile in other colors
- Special diameters metric

Installation and connection possibilities



Car-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical