

EXHAUST GAS HOSE FOR TEMPERATURES UP TO +570°F

Carflex 570

Material

Hose wall double layer:

Inner hose wall: heat resistant impregnated glass fabric

Outer hose wall: special coated high temperature fabric

External helix: galvanized steel with additional plastic abrasion protector

Applications

- High stress when extracting exhaust gas from spark ignition or diesel engines, especially suitable for trucks or construction machines
- All normal exhaust extraction systems, such as, hose reel, slotted channels, above-floor and under-floor, suction extraction
- Highly recommended by Masterduct, Inc. For diesel applications within temperature range

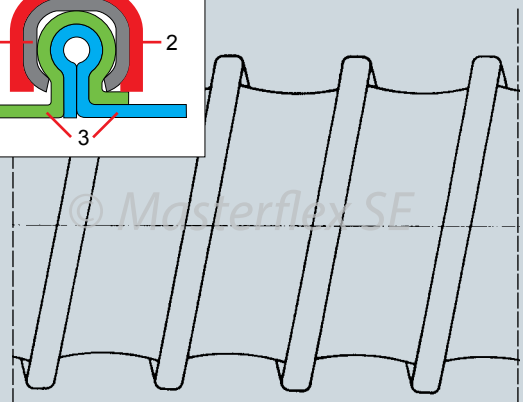
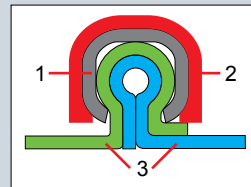
Properties

- Flame-resistant
- Vibration-proof
- High resistance to mechanical loads
- Extremely flexible
- Compressibility 1:5
- Small bend radius
- Super lightweight
- Extra strength
- Abrasion-resistant
- 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.



Construction

1. External helix
2. Additional abrasion protector
3. Hose wall: special-coated high-temperature fabric



Temperature Range*

- Exhaust gas temperatures up to +570°F, short times up to +660°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
4.00	4.68	32	2.40	0.90000	241-100-119
5.00	5.68	20	3.00	1.00000	241-125-119
6.00	6.68	14	3.60	1.16000	241-150-119
8.00	8.68	8	5.60	1.45000	241-200-119

*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.

Installation and connection possibilities



Clip-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical

Standard Production

- Diameter: 4" to 8"
- Color: hose wall green-gray, outer abrasion protector red
- Standard lengths: 25'

Available on Request

- Special lengths
- Fix lengths with mounted Clip-Grip-clamps
- Abrasion protection profile in other colors
- Custom design with other pitches and helix sizes
- Special diameters metric