

EXHAUST GAS HOSE FOR TEMPERATURES UP TO +570°F

Carflex CF

Material

Two layer hose wall: outer, unique high-temperature film inner, lightweight fiberglass 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
- Suction extraction of engine exhaust gases up to +570°F when exhaust gas funnels are used properly
- All usual suction extraction systems such as hose reel, slotted channels, above-floor and under-floor suction extraction
- Highly recommended for diesel applications within temperature range

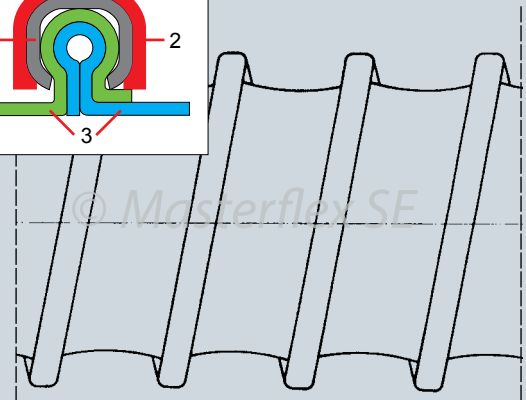
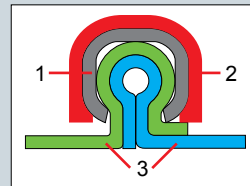
Properties

- Vibration-proof
- High resistance to mechanical loads
- Extremely flexible
- Compressibility 1:5
- Small bend radius
- Super lightweight
- Extra strength and durability
- 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. two layer hose wall: outer, unique high-temperature film inner, lightweight fiberglass 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, should be used within a properly designed negative pressure fan system to avoid damaging the hose. Please consult your local representative for more details.

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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	0.8100	242-100-119
5.00	5.68	20	3.00	0.9000	242-125-119
6.00	6.68	14	3.60	1.0440	242-150-119
8.00	8.68	8	5.60	1.3050	242-200-119

*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 black, 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
- Special diameters metric