

# 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

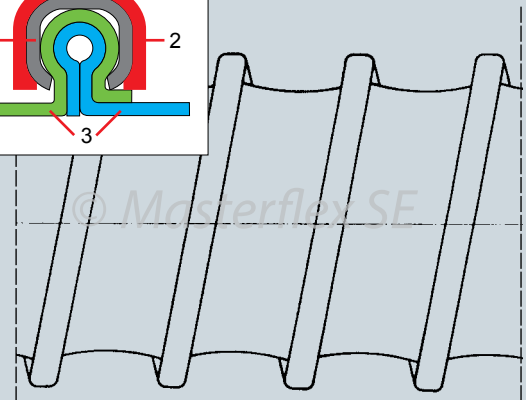
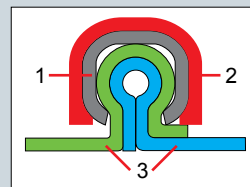
### Properties

- 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, 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                  | 0.8100            | 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