

EXHAUST GAS HOSE FOR TEMPERATURES UP TO +350°F

Carflex 350

Material

Hose wall: neoprene-coated polyester fabric

External helix: galvanized steel with additional plastic abrasion protector

Applications

- Medium duty exhaust gas extraction from gas or diesel engines
- All normal exhaust extraction systems, such as, hose reel, slotted channels, above-floor and under-floor, suction extraction

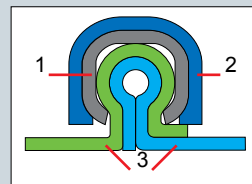
Properties

- Flame-resistant to UL94 criteria
- Vibration-proof
- Good flow characteristics
- Extremely flexible
- Compressibility 1:5
- Small bend radius
- Super lightweight
- Extra strength
- 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: neoprene-coated polyester fabric



Temperature Range

- Exhaust gas temperatures up to +350°F*

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.

Carflex 350

Dia (in.)	Outer Dia (in.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
4.00	4.68	40	2.40	0.53009	240-100-118
5.00	5.68	26	3.00	0.63745	240-125-118
6.00	6.68	18	3.60	0.98637	240-150-118
8.00	8.68	10	4.80	1.18096	240-200-118

*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.

Installation and connection possibilities



Clip-Grip hose clamp, screwable



Hose connector



Hose reducer, symmetrical

Standard Production

- Diameter: 4" to 8"
- Color: black, outer abrasion protector blue
- 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