

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

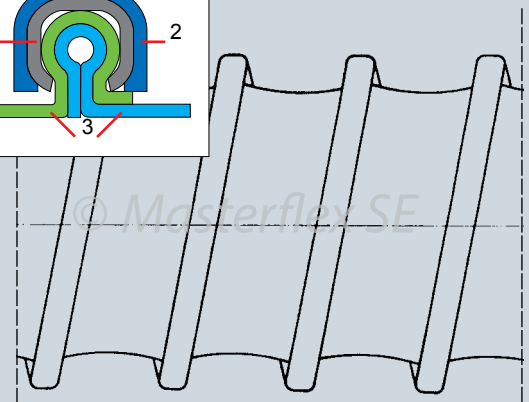
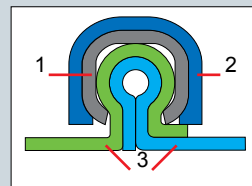
Properties

- 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 when exhaust gas funnels are used properly and enough fresh air is utilized

Chem. Resistance

See resistance table

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Sales@TotalAirEnergy.com
www.TotalAirEnergy.com
Phone 206.265.1702
Fax 206.892.9644
PO Box 1348, Vashon, WA 98070

MASTERDUCT
Connecting Values

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