

EXHAUST GAS HOSE FOR TEMPERATURES UP TO +570°F



CARFLEX 570

Material

hose wall: special-coated high temperature fabric
external helix: galvanized steel with additional plastic abrasion protector

Applications

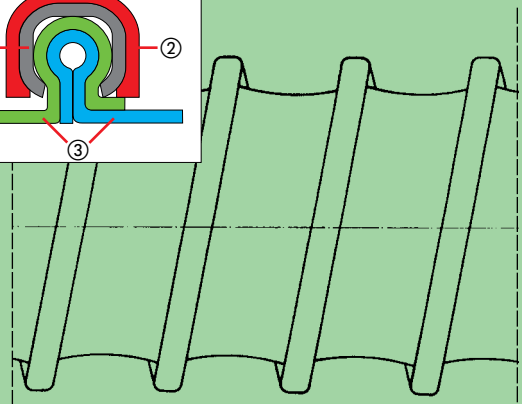
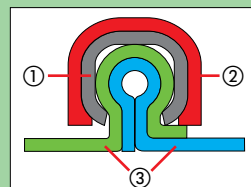
- high stress when extracting exhaust gas from spark ignition or diesel engines, especially suitable for trucks or construction machines
- suction extraction of engine exhaust gases up to +570°F when exhaust gas funnels are used properly
- all usual suction extraction systems such as:
 - hose reel
 - slotted channels
 - abovefloor and underfloor suction extraction
- highly recommended by Masterduct for diesel applications within temperature range

Properties

- vibration resistant
- high resistance to mechanical loadings
- flame resistant; UL94, VO
- 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

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

Technical Data, custom designs and forms of delivery see back page



Masterduct
Member of the Masterflex-Group

CARFLEX 570

Dia. (in.)	Outer (Dia.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.50	3.04	68	1.52	0.36905	241-063-119
3.00	3.56	56	1.84	0.32879	241-075-119
3.20	3.72	50	1.92	0.34221	241-080-119
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.

Delivery forms:

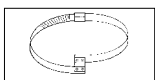
Standard production:

- Dia. 4" - 8"
- Color:
 - hose wall green-gray
 - outer abrasion protector red
- Production lengths 25'

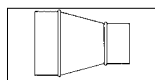
Available on request:

- 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

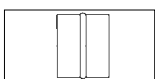
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer; symmetrical



hose connector