

## EXHAUST GAS HOSE FOR EXHAUST GAS TEMPERATURES UP TO +570°F



6.3

## CARFLEX 570

### Material

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

### Applications

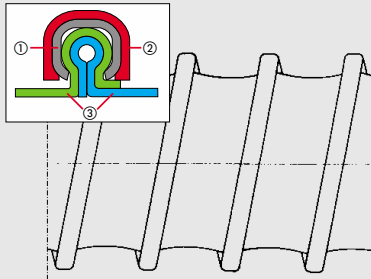
- high stress when extracting exhaust gas from spark ignition or diesel engines, especially suitable for trucks or construction machines
- suction extraction of engine exhaust gases up to +570°F when exhaust gas funnels are used properly
- all usual suction extraction systems such as: hose reel, slotted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

### Properties

- vibration resistant
- high resistance to mechanical loadings
- flame resistant
- 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

## CARFLEX 570

Dia. (in.)	Outer (Dia.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.5	3.04	68	1.52	0.36905	241-063-119
3.0	3.56	56	1.84	0.32879	241-075-119
3.2	3.72	50	1.92	0.34221	241-080-119
4.0	4.68	32	2.40	0.90000	241-100-119
5.0	5.68	20	3.00	1.00000	241-125-119
6.0	6.68	14	3.60	1.16000	241-150-119
8.0	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. 2.5" - 8"
- Color:
  - hose wall green-grey
  - outer abrasion protector red
- Standard lengths 10', 25'

#### Available on request:

- special lengths
- special diameters from Dia. 2" - 20"
- fix lengths with mounted Clip-Grip-clamps
- abrasion protection profile in other colors
- custom design with other pitches and helix sizes

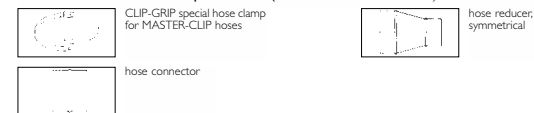


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### Installation and connection possibilities (see section no. 11 and 12):



## SPECIAL HOSE CLAMP FOR MASTER-CLIP HOSES



## CLIP-GRIP

### Material

**clamp band:** galvanized steel  
**screw casing:** galvanized steel  
**bridge:** galvanized steel

### Properties

- rust resistant
- easy to install
- extra strength

### Applications

- special hose clamps for securing all types of hoses from the MASTER-CLIP series on mobile and stationary units

### Construction

- hose clamp with one or more worm drive(s)
- with a hexagon head screw
- with one or more spot-welded bridges



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

## CLIP-GRIP

For MASTER-CLIP hoses (Dia.)	Clamping range (in.)	Product code
1.52" thru 36"	1.52" thru 36"	530-038-100 thru 530-900-100

### Note:

CLIP-GRIP worm drive hose clamps are only suitable for securing MASTER-CLIP hoses. We recommend our standard worm drive hose clamps or heavy duty bolted clamps for securing other spiral hoses.

### Delivery forms:

**Standard production:**

- clamping ranges from 1.52" - 36.2"

**Available on request:**

- in stainless steel
- other clamping ranges
- reinforced clamps with additional bridges



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## CARFLEX SUPER + MASTER-PUR STEP



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## CAR-GRIP

### Material

**clamp band:** galvanized steel  
**screw casing:** galvanized steel  
**bridge:** stainless steel

### Properties

- rust resistant
- easy to install
- extra strength

### Applications

- special hose clamps for securing CARFLEX SUPER and MASTER-PUR STEP hoses on mobile and stationary units

### Construction

Hose clamp with worm drive with hexagon recessed head screw and spot-welded bridge



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

## CAR-GRIP

for CARFLEX-SUPER and MASTER-PUR STEP (Dia.)	Clamping range (in.)	Product code
2.4" thru 10"	2.4" thru 12"	531-060-100 thru 531-250-100

### Note:

CAR-GRIP worm drive hose clamps are only suitable for securing CARFLEX SUPER hoses. We recommend our standard worm drive hose clamps or heavy duty bolted clamps for securing other spiral hoses.

### Delivery forms:

**Standard production:**  
 ● clamping ranges from 2.4" - 12"

### Available on request:

- in stainless steel
- other clamping ranges



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## HOSE CLAMP, BOLT CLAMP



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## HOSE CLAMP, BOLT CLAMP

### Material

clamp band: galvanized steel  
screws: galvanized steel

### Applications

- for attaching medium-weight and heavy spiral hoses onto connecting branches on mobile and stationary units

### Properties

- rust resistant
- extra strength
- band width .70" - 1.0"
- band thickness .023" - .063"

### Construction

Large strip hose clamp with fastening lug



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

## HOSE CLAMP, BOLT CLAMP

Clamping range (in.)	Width x thickness (in.)	Product code
1.25" thru 20"	.80" x .03" thru 1.00" x .04"	621-032-115 thru 621-500-115

### Note:

Heavy duty bolted clamps are suitable for the mounting of medium and heavy weight spiral hose types. For the mounting of lightweight hose qualities we recommend worm drive hose clamps.

### Delivery forms:

Standard production:  
● clamping ranges from 1.25" - 20"

### Available on request:

- in stainless steel
- other clamping ranges



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## HOSE CLAMP WITH WORM GEAR DRIVE



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## HOSE CLAMP WITH WORM GEAR DRIVE

### Material

clamp band: galvanized steel  
screw casing: galvanized steel

### Properties

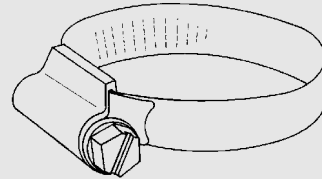
- rust resistant
- extra strength

### Applications

- for attaching light spiral hoses onto connecting branches on mobile and stationary units

### Construction

one-piece hose band clamps with a hexagon head screw, recessed



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

## HOSE CLAMP WITH WORM GEAR DRIVE

Clamping range (in.)	Product code
1" thru 20"	620-025-100 thru 620-500-100

### Delivery forms:

- Standard production:
- clamping ranges from 1" - 20"
- Available on request:
- in stainless steel
  - other clamping ranges

### Note:

Worm drive hose clamps are suitable for the mounting of lightweight spiral hose types. For the mounting of heavy weight hose qualities we recommend the heavy duty bolted clamps.



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## HOSE REDUCER



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## HOSE REDUCER

### Material

galvanized steel

### Applications

- for extending, connecting and attaching lightweight or medium weight hoses

### Properties

- easy to install
- lightweight
- resistant to corrosion

### Construction

reducer of rolled sheet steel with beadings on both ends



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

## HOSE REDUCER

(Dia. 1)	(Dia. 2)	S Ga.	L1 (in.)	L2 (in.)	Product code
3" thru 12"	2" thru 10"	24	3.5"	3"	632-080-050 thru 632-300-250

### Delivery forms:

Standard production:

- galvanized steel

Available on request:

- special diameters
- stainless steel



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## HOSE CONNECTOR



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## HOSE CONNECTOR

### Material

galvanized steel

### Applications

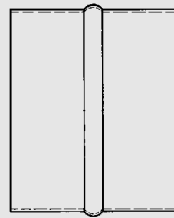
- extending, connecting and attaching lightweight or medium weight hoses

### Properties

- easy to install
- lightweight
- resistant to corrosion

### Construction

rolled sheet steel with beandings



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

## HOSE CONNECTOR

(Dia.)	Ga.	L (in.)	Product code
2" thru 36"	24	3.5"	630-050-100 thru 630-900-100

### Delivery forms:

Standard production:

- galvanized steel

Available on request:

- special sizes
- stainless steel



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