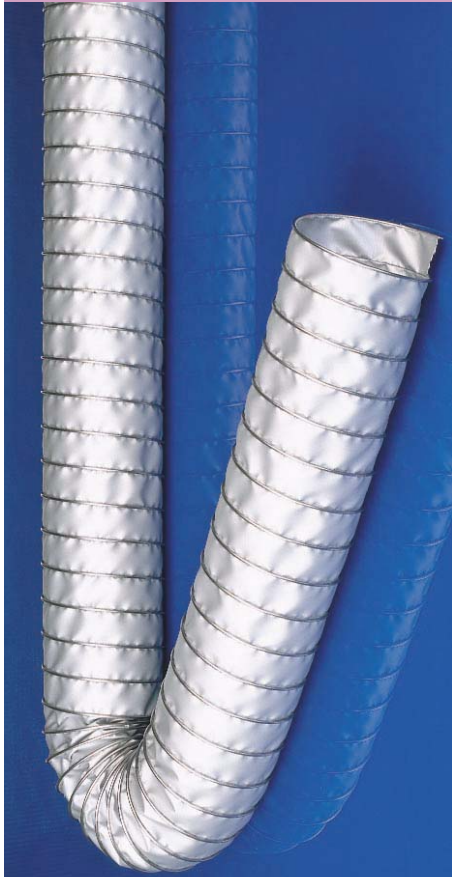


# MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +570°F



5.1.4

# MASTER-CLIP SILICON

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.0	342	128	1.20	0.2684	223-050-116
2.2	313	106	1.32	0.2684	223-055-116
2.4	273	89	1.44	0.3355	223-060-116
2.6	237	76	1.56	0.3355	223-065-116
2.8	213	64	1.68	0.3355	223-070-116
3.0	189	56	1.80	0.4026	223-075-116
3.2	173	50	1.92	0.4026	223-080-116
3.6	143	40	2.16	0.4026	223-090-116
4.0	121	32	2.40	0.4026	223-100-116
4.4	104	26	2.64	0.4697	223-110-116
4.8	90	22	2.88	0.4697	223-120-116
5.0	84	20	3.00	0.5368	223-125-116
5.2	79	19	3.12	0.5368	223-130-116
5.6	70	16	3.36	0.5368	223-140-116
6.0	63	14	3.06	0.6039	223-150-116
6.4	56	12	3.84	0.6039	223-160-116
6.8	51	11	4.08	0.6039	223-170-116
7.0	49	10	4.20	0.6710	223-175-116
7.2	47	10	4.32	0.6710	223-180-116
8.0	40	8	4.80	0.8052	223-200-116
8.6	35	7	6.04	0.8723	223-215-116
9.0	33	6	6.32	0.9394	223-225-116
10.0	28	5	7.00	1.0736	223-250-116
11.0	24	4	7.72	1.2749	223-275-116
12.0	21	4	8.40	1.4091	223-300-116
12.6	19	3	8.84	1.4091	223-315-116
13.0	18	3	9.12	1.4762	223-325-116
14.0	16	3	9.80	1.6775	223-350-116
15.0	14	2	10.52	1.9459	223-375-116
16.0	13	2	11.20	2.0801	223-400-116
18.0	11	2	14.40	2.4156	223-450-116
20.0	9	1	16.00	2.7511	223-500-116
22.0	8	1	17.60	3.0866	223-550-116
24.0	7	1	19.20	3.4221	223-600-116
28.0	6	1	22.40	4.0260	223-700-116
32.0	4	1	25.60	4.6299	223-800-116
36.0	4	1	28.80	5.2338	223-900-116

**Delivery forms:**  
 Standard production:  
 • Dia. 2" - 3.6"  
 • Color silver grey  
 • Production lengths 20', 25'

**Available on request:**  
 • special colors  
 • special lengths  
 • special diameters  
 • custom design with other pitches and helix sizes  
 • external helix also in stainless steel or aluminium

\* 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.



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## MASTER-CLIP SILICON

### Material

hose wall: silicon-coated glass fabric  
 external helix: galvanized steel

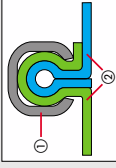
### Applications

- hot air
- extraction equipment
- vehicle construction
- engine construction
- aircraft industries
- defense industries
- general engineering
- low pressure applications

### Construction

① external helix

② hose wall: silicon-coated glass fabric



### Temperature Range

- -75°F up to +570°F
- intermittent to +625°F
- When used in exhaust gas systems, gas funnels should be used properly and enough fresh air should be utilized.

### Chem. Resistance

see resistance table

register no. 15

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

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

#### Applications

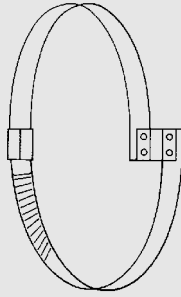
- special hose clamps for securing all types of hoses from the MASTER-CLIP series on mobile and stationary units

#### Properties

- rust resistant
- easy to install
- extra strength

#### 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.



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## 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

## CARFLEX SUPER + MASTER-PUR STEP



11.2

## CAR-GRIP

### Material

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

### Applications

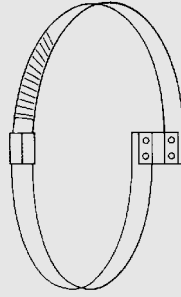
- special hose clamps for securing CARFLEX SUPER and MASTER-PUR STEP hoses on mobile and stationary units

### Properties

- rust resistant
- easy to install
- extra strength

### 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.



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## CAR-GRIP

for CARFLEX-SUPER and MASTER-PUR STEP (Dia.)	Clamping range (in.)	Product code
2.4" thru 10"	2.4" thru 12"	53 I-060-100 thru 53 I-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

## HOSE CLAMP, BOLT CLAMP



## HOSE CLAMP, BOLT CLAMP

**Material**  
 clamp band: galvanized steel  
 screws: galvanized steel

**Applications**

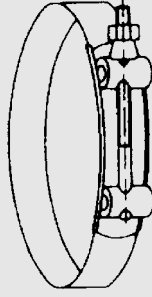
- for attaching medium-weight and heavy spiral hoses onto connecting branches on mobile and stationary units

**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



## HOSE CLAMP WITH WORM GEAR DRIVE

### Material

- clamp band: galvanized steel
- screw casing: galvanized steel

### Properties

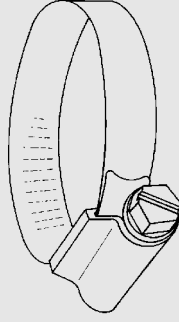
- rust resistant
- extra strength

### 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



## HOSE REDUCER

### Material

galvanized steel

### Properties

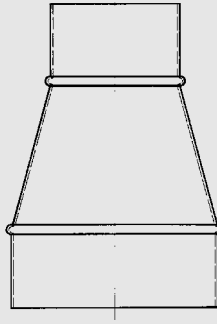
- easy to install
- lightweight
- resistant to corrosion

### Applications

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

### 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

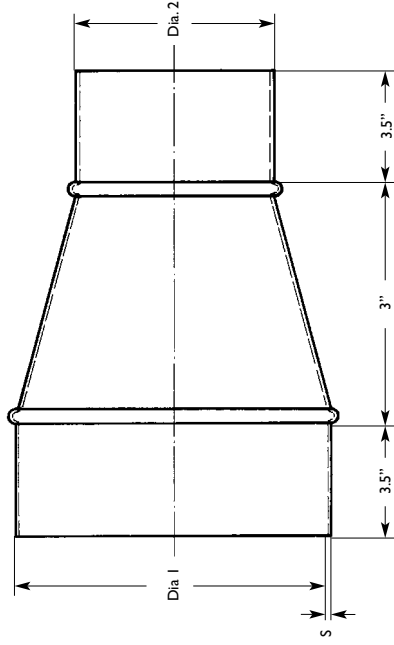
### Delivery forms:

Standard production:

- galvanized steel

Available on request:

- special diameters
- stainless steel



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# HOSE CONNECTOR



## HOSE CONNECTOR

### Material

galvanized steel

### Properties

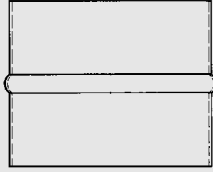
- easy to install
- lightweight
- resistant to corrosion

### Applications

- extending, connecting and attaching lightweight or medium weight hoses

### Construction

rolled sheet steel with bendings



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

# HOSE CONNECTOR

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

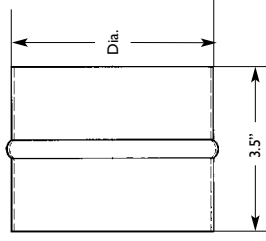
### Delivery forms:

Standard production:

- galvanized steel

### Available on request:

- special sizes
- stainless steel



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