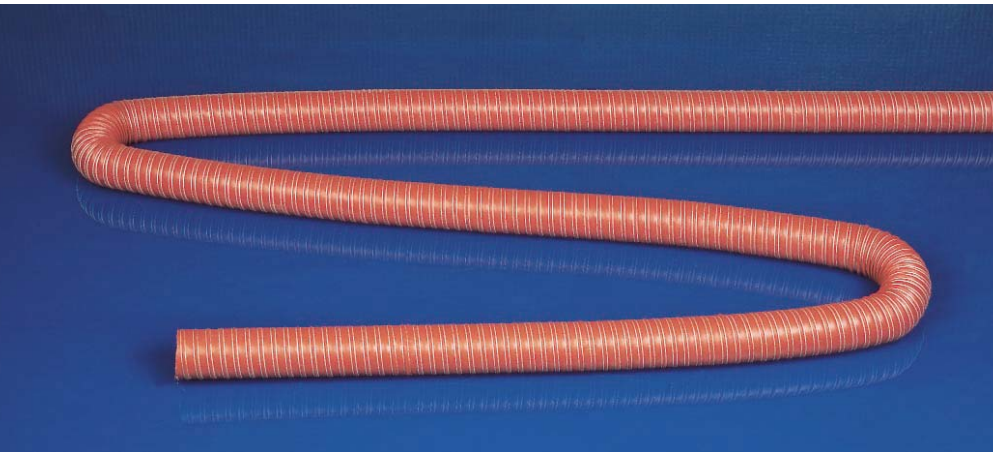


MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +480°F



5.2.4

MASTER-SIL 2

Material

hose wall: silicon-coated glass fabric, two layers
spiral: spring steel wire
cord: glass fibre cord

Applications

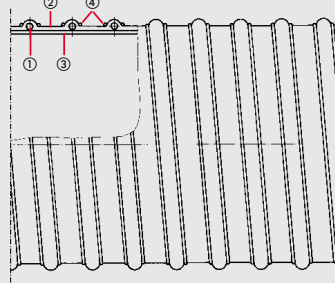
- guiding of air or gaseous media with high gas or environmental temperatures
- vehicle industry
- aircraft industry
- ship building industry
- general engineering and engine construction
- chemical industry
- plastics production
- hot air hose for granule dryers

Properties

- highly flexible
- lightweight
- small bend radius
- symmetrical bending
- kink-proof
- good chemical resistance
- immovable vulcanized wall and spring steel spiral

Construction

- ① spring steel spiral
- ② outer layer: silicon-coated glass fabric
- ③ inner layer: silicon-coated glass fabric
- ④ glass fibre cord



Temperature Range

- -75°F up to +480°F
- intermittent to +535°F

Chem. Resistance

see resistance table
 register no. 15

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

MASTER-SIL 2

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
0.52	1,125	260	0.60	0.10736	686-013-119
0.76	1,125	260	0.60	0.12749	686-019-119
1.04	1,125	260	0.60	0.15433	686-026-119
1.20	1,125	260	0.60	0.16775	686-030-119
1.28	1,125	260	0.64	0.17446	686-032-119
1.52	1,045	240	0.72	0.20801	686-038-119
1.60	1,045	240	0.76	0.21472	686-040-119
1.64	1,045	240	0.76	0.21472	686-041-119
1.76	1,045	224	0.84	0.22814	686-044-119
1.80	1,045	224	0.84	0.22814	686-045-119
2.00	1,045	208	0.96	0.24156	686-050-119
2.04	1,045	208	0.96	0.24156	686-051-119
2.20	1,005	196	1.08	0.28182	686-055-119
2.28	1,005	196	1.12	0.28853	686-057-119
2.40	965	184	1.24	0.31537	686-060-119
2.52	965	184	1.24	0.32879	686-063-119
2.60	965	184	1.24	0.33550	686-065-119
2.80	924	176	1.40	0.35563	686-070-119
3.00	884	172	1.52	0.38918	686-075-119
3.04	884	172	1.52	0.41602	686-076-119
3.20	844	168	1.60	0.42944	686-080-119
3.32	844	164	1.68	0.45628	686-083-119
3.56	804	160	1.76	0.46299	686-089-119
3.60	804	160	1.76	0.48983	686-090-119
3.80	764	148	1.92	0.51667	686-095-119
4.00	764	140	2.08	0.51667	686-100-119
4.08	764	140	2.08	0.51667	686-102-119
4.32	683	124	2.20	0.55693	686-108-119
4.40	683	120	2.28	0.57035	686-110-119
4.56	643	116	2.28	0.59719	686-114-119
4.60	643	116	2.36	0.60390	686-115-119
4.80	643	112	2.44	0.63074	686-120-119
5.00	563	104	2.52	0.65758	686-125-119
5.08	563	100	2.56	0.67100	686-127-119
5.20	522	92	2.60	0.68442	686-130-119
5.60	522	76	2.80	0.74481	686-140-119
6.00	482	68	3.00	0.80520	686-150-119
6.08	482	68	3.00	0.80520	686-152-119
6.40	442	60	3.20	0.85888	686-160-119
6.60	402	56	3.32	0.88572	686-165-119
6.92	402	52	3.48	0.93940	686-173-119
7.12	402	48	3.56	0.97295	686-178-119
7.20	402	48	3.6	0.99308	686-180-119
8.00	281	36	4.00	1.08702	686-200-119
8.12	281	36	4.04	1.10715	686-203-119
9.16	241	32	5.00	1.27490	686-229-119
10.00	201	28	6.00	1.40239	686-250-119
10.16	201	28	6.00	1.43594	686-254-119
12.00	121	16	8.40	1.71105	686-300-119
12.20	121	16	8.40	1.73118	686-305-119

* 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:

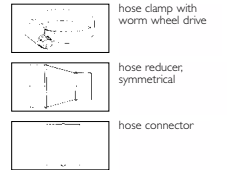
Standard production:

- Dia. .52" - 12.2"
- Color black
- Production lengths 10'

Available on request:

- special diameters
- special lengths
- with spiral-free sleeves

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



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 La Center, Washington 98629 USA
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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



11.2

CAR-GRIP

Material

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

Properties

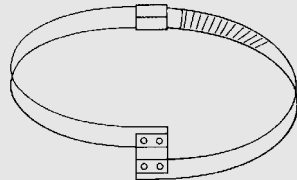
- rust resistant
- easy to install
- extra strength

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



11.3

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



11.4

HOSE CLAMP WITH WORM GEAR DRIVE

Material

clamp band: galvanized steel
screw casing: galvanized steel

Properties

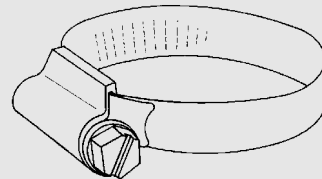
- rust resistant
- extra strength

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



11.5

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



11.6

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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