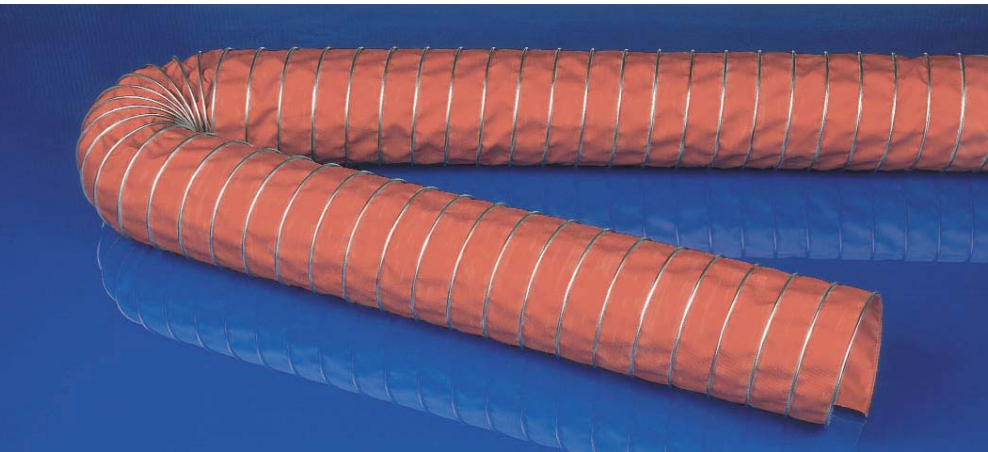


MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +750°F



5.1.9

MASTER-CLIP HT 750

Material

hose wall: special-coated high temperature fabric, asbestos free, reinforced by woven in stainless steel wire

external helix: galvanized steel

Applications

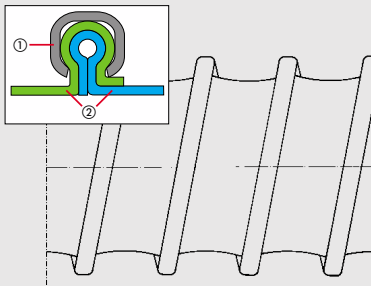
- hot air
- suction plants
- furnace construction
- iron and steel works
- engine construction
- radiant heat protection
- primary suitable as extraction hose
- low pressure applications

Properties

- very high temperature resistance
- silicone free
- highly flexible
- extreme compressibility 1:6
- small bend radius
- improved vacuum-resistance by woven in reinforcement
- external steel helix protects against abrasion
- suitable for continually flexing
- special clamping method guarantees high tensile strength between hose material and external helix

Construction

- ① external helix
- ② hose wall: special-coated high temperature fabric



Temperature Range

- -5°F up to +750°F
- intermittent to +840°F

small amounts of smoke maybe given off when used under positive pressure or with low extraction rates. For a gas-tight seal we recommend our hose types MASTER-CLIP KAPTON, MASTER-CLIP HT 930 or HT-PRESSURE HOSES (see Reg. 5 and 6)

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

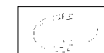
MASTER-CLIP HT 750

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
1.52	366	163	0.92	0.3355	227-038-119
1.60	362	158	0.96	0.3355	227-040-119
1.80	350	150	1.08	0.3355	227-045-119
2.00	342	141	1.20	0.3355	227-050-119
2.20	313	117	1.32	0.4026	227-055-119
2.40	273	98	1.44	0.4026	227-060-119
2.60	237	84	1.56	0.4697	227-065-119
2.80	213	70	1.68	0.4697	227-070-119
3.00	189	62	1.80	0.5368	227-075-119
3.20	173	55	1.92	0.5368	227-080-119
3.60	143	44	2.16	0.5368	227-090-119
4.00	121	35	2.40	0.5368	227-100-119
4.40	104	29	2.64	0.6039	227-110-119
4.80	90	25	2.88	0.6039	227-120-119
5.00	84	22	3.00	0.6710	227-125-119
5.20	79	21	3.12	0.6710	227-130-119
5.60	70	18	3.36	0.6710	227-140-119
6.00	63	16	3.60	0.7381	227-150-119
6.40	56	14	3.84	0.7381	227-160-119
6.80	51	12	4.08	0.7381	227-170-119
7.00	49	12	4.20	0.8723	227-175-119
7.20	47	11	4.32	0.8723	227-180-119
8.00	40	9	4.80	1.0065	227-200-119
8.60	35	8	6.04	1.0736	227-215-119
9.00	33	7	6.32	1.2078	227-225-119
10.00	28	6	7.00	1.3420	227-250-119
11.00	24	5	7.72	1.6104	227-275-119
12.00	21	4	8.40	1.7446	227-300-119
12.60	19	4	8.84	1.7446	227-315-119
13.00	18	3	9.12	1.8788	227-325-119
14.00	16	3	9.80	2.0801	227-350-119
15.00	14	3	10.52	2.4156	227-375-119
16.00	13	2	11.20	2.6169	227-400-119
18.00	11	2	14.40	3.0195	227-450-119
20.00	9	1	16.00	3.4221	227-500-119
22.00	8	1	17.60	3.8918	227-550-119
24.00	7	1	19.20	4.2944	227-600-119
28.00	6	1	22.40	5.0325	227-700-119
32.00	4	1	25.60	5.7706	227-800-119
36.00	4	1	28.80	6.5758	227-900-119

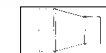
* Referring to the inner side of the elbow of hose.

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.

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



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector

Delivery forms:

Standard production:

- Dia. 1.52" - 36"
- Color red
- 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



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
La Center, Washington 98629 USA
Ph. (800) 252-3993 - Fax (360) 263-9772
web- PacAir.net - Email- Sales@PacAir.net



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



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
 La Center, Washington 98629 USA
 Ph. (800) 252-3993 - Fax (360) 263-9772
 web- PacAir.net - Email- Sales@PacAir.net



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



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
 La Center, Washington 98629 USA
 Ph. (800) 252-3993 - Fax (360) 263-9772
 web- PacAir.net - Email- Sales@PacAir.net



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



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
La Center, Washington 98629 USA
Ph. (800) 252-3993 - Fax (360) 263-9772
web- PacAir.net - Email- Sales@PacAir.net



HOSE CLAMP WITH WORM GEAR DRIVE



11.4

HOSE CLAMP WITH WORM GEAR DRIVE

Material

clamp band: galvanized steel
screw casing: galvanized steel

Properties

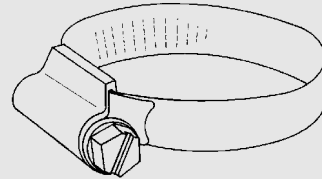
- rust resistant
- extra strength

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.



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
La Center, Washington 98629 USA
Ph. (800) 252-3993 - Fax (360) 263-9772
web- PacAir.net - Email- Sales@PacAir.net



HOSE REDUCER



11.5

HOSE REDUCER

Material

galvanized steel

Applications

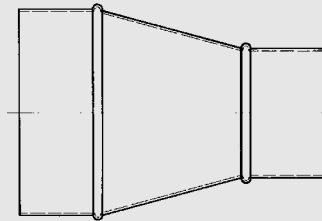
- for extending, connecting and attaching lightweight or medium weight hoses

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



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
La Center, Washington 98629 USA
Ph. (800) 252-3993 - Fax (360) 263-9772
web- PacAir.net - Email- Sales@PacAir.net



HOSE CONNECTOR



11.6

HOSE CONNECTOR

Material

galvanized steel

Applications

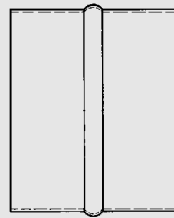
- extending, connecting and attaching lightweight or medium weight hoses

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



Pacific Air Consultants, Inc.

P.O. Box 426 - 33100 NE Ivy Avenue
 La Center, Washington 98629 USA
 Ph. (800) 252-3993 - Fax (360) 263-9772
 web- PacAir.net - Email- Sales@PacAir.net

