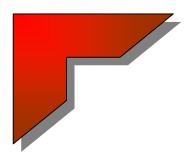
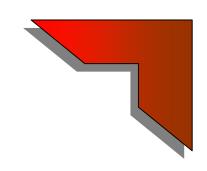


INFORMATION MATERIAL

THIS MATERIAL IS MEANT TO BE USED ALONG WITH OUR CATALOG
IT IS NOT A SUBSTITUTE FOR THE CATALOG







COMPANY OVERVIEW

Since 1970, we have been pioneering new developments in heater technology and providing total heating solutions. Heaters are our only business. We are the original and the only **Omega Heater Company**.

As the leader in energy saving heater bands, Omega is the heating line preferred by the plastics industry. We offer a full line of stock and custom heaters, controls & accessories for industrial equipment manufacturers and end users. Our applications engineers are always available to help with your heating needs.

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This material is to be used as an aid to the salesmen in conjunction with our catalog IT IS NOT A SUBSTITUTE FOR THE CATALOG



CERAMIC HEATER BANDS



5 Styles to Choose From • Energy Saving • Up to 65 Watts/Sq. In.

STANDARD - 5/8" thick, 1/4" thermal insulation, up to 1400 F, 45 watts/sq. in.
"THE PREFERRED CHOICE OF OEM'S"

INSULATION PLUS - 7/8" thick, ½" thermal insulation, energy savings u p to 30% "THE ENERGY SAVER"

SUPER INSULATION PLUS - 1-1/4" thick, 7/8" thermal insulation, up to 40 watts/sq. in. "MAXIMUM ENERGY SAVINGS, MINIMUM SHEATH TEMPERATURES"

ULTRA THIN - 3/8" thick, , 3/16" thermal insulation, up to 65 watts/sq. in. HIGH PERFORMANCE FOR CRITICAL HIGH TEMP OPERATIONS

AIR COOLED - 3/8" thick, , NO Thermal insulation, up to 45 watts/sq. in.

Developed Especially for Air Cooled Systems



A NOTE ON CERAMIC BANDS

Omega manufactures five different styles of ceramic heater bands. Following are features of each style to help you decide which one will suit your needs

1) STANDARD CERAMIC BAND 5/8" THICK

Watt Densities up to 45w / sq. in.

1/8" thermal insulation

Lowest in cost

Widely used as a barrel heater on injection molding machines for processing low to medium temperature resins. Also for heating dies pipes and other related equipment

2) INSULATION PLUS 7/8" THICK

Watt Densities up to 45w / sq. in.

3/8" thermal insulation

Approx. 15% higher in cost then standard ceramic

Developed for energy saving used in all the above applications. Energy savings up to 30%

3) SUPER INSULATION PLUS

1-1/4" THICK

Watt Densities up to 40w / sq. in.

3/4" thermal insulation

Approx. 10% higher in cost then Insulation Plus

Not only saves energy but enables the elimination of expensive insulation blankets. Ideal for use where lower sheath temperatures are required.

#4) ULTRA THIN LINE

3/8" THICK

Watt Densities up to 65w / sq. in.

3/16" thermal insulation

Lower in cost then most competing premium styles, such as mineral insulated, ceramic, or refractory

This thin. High temp., high watt density heater can meet the most demanding performance you may require.

#5) AIR COOLED

1/2" THICK

Watt Densities up to 45w / sq. in.

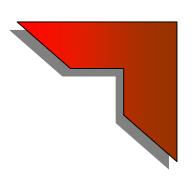
NO thermal insulation

63% open perforated sheath

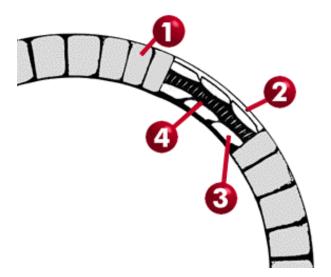
Can be supplied with shrouds for blowers







STANDARD - 5/8" thick, ¼" thermal insulation, up to 1400 F, 45 watts/sq. in.
"THE PREFERRED CHOICE OF OEM'S"



OMEGA QUALITY CONSTRUCTION

1. Stainless steel sheath

Resists rust and high temperatures, and provides firm mechanical support. Easily wraps around barrel due to fluted construction.

2. Thermal insulation

1/4 inch of ceramic fiber prevents heat loss, thereby lowering energy costs.

3. Ceramic coil supports

Designed for their dielectric and thermoconductive characteristics, the interlocking feature provides flexibility so band wraps easily around barrel.

4. Nickel-chrome heating coil

Precision wound, helical construction gives extended service. A heavier weight than found in mica or other conventional heaters.

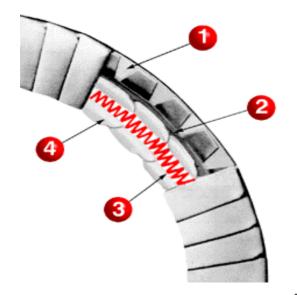








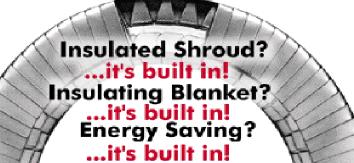
INSULATION PLUS - 7/8" thick, ½" thermal insulation, energy savings u p to 30% "THE ENERGY SAVER"

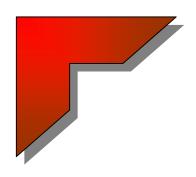


OMEGA QUALITY CONSTRUCTION

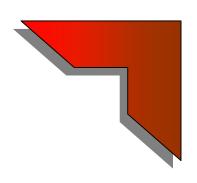
- 1. INSULATION PLUS EMPLOYS AN ADDITIONAL 1/4-INCH OF THERMAL INSULATION ENCASED IN A SEPARATE FLEXIBLE STAINLESS STEEL SHELL
- 2. STANDARD 1/4-INCH THICK THERMAL INSULATION FOUND ON ALL OMEGA CERAMIC BAND HEATERS.
- 3. HELICAL NICKEL-CHROME COIL FOR EXTENDED SERVICE
- 4. CERAMIC COIL SUPPORTS

COOLER AMBIENT TEMPERATURES
AROUND THE OPERATING MACHINES



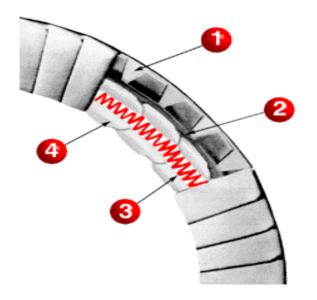






SUPER INSULATION PLUS - 1-1/4" thick, 7/8" thermal insulation, up to 40 watts/sq. in.

"MAXIMUM ENERGY SAVINGS, MINIMUM SHEATH TEMPERATURES"

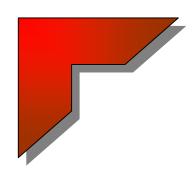


OMEGA QUALITY CONSTRUCTION

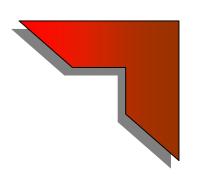
- 1. INSULATION PLUS EMPLOYS AN ADDITIONAL 5/8-INCH OF THERMAL INSULATION ENCASED IN A SEPARATE FLEXIBLE STAINLESS STEEL SHELL
- 2. STANDARD 1/4-INCH THICK THERMAL INSULATION FOUND ON ALL OMEGA CERAMIC BAND HEATERS.
- 3. HELICAL NICKEL-CHROME COIL FOR EXTENDED SERVICE
- 4. CERAMIC COIL SUPPORTS

COOLER AMBIENT TEMPERATURES AROUND THE OPERATING MACHINES









ULTRA THIN - 3/8" thick, , 3/16" thermal insulation, up to 65 watts/sq. in. HIGH PERFORMANCE FOR CRITICAL HIGH TEMP OPERATIONS



OMEGA QUALITY CONSTRUCTION

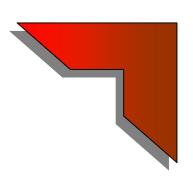
- 1. 3/16-INCH THICK THERMAL INSULATION
- 2. HELICAL NICKEL-CHROME COIL FOR EXTENDED SERVICE
- 3. CERAMIC COIL SUPPORTS

"HIGH PERFORMANCE FOR CRITICAL HIGH TEMP OPERATIONS"



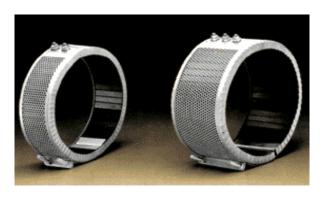






AIR COOLED - 3/8" thick, , NO Thermal insulation, up to 45 watts/sq. in.

Developed Especially for Air Cooled Systems



OMEGA QUALITY CONSTRUCTION

- 1.PERFERATED OUTER SHEATH
- 2. NO THERMAL INSULATION
- 3. HELICAL NICKEL-CHROME COIL FOR EXTENDED SERVICE
- 4. CERAMIC COIL SUPPORTS

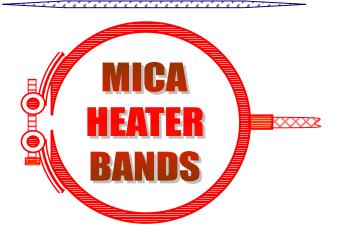
Omega Heater Company's, super-efficient and economical air cooled ceramic heater bands are designed for use on extrusion machinery or on any heat/cool operation.

Omega's air cooled ceramic heater bands are available in various sizes to either accommodate new designs or to replace less efficient, more expensive cast aluminum heaters.

They can be manufactured to replace individual heaters in the field or be made as full units with shrouds for blowers







The use of mica as an electrical insulator produces a thin, efficient heater. Heat from the precisely wound Nichrome element is quickly transferred to the working surface. This allows for fast heat-up, and response. Mica provides excellent dielectric strength and heat transfer capability. The mica element is encased in a corrosion resistant sheath.

Omega Heater manufactures 26 basic constructions with a variety of electrical terminations and mounting configurations.

We also manufacture custom shapes and special features upon request.

BELOW ARE SOME TYPICAL TERMINATIONS AND CLAMPING













3 Styles to Choose From • Economical • Radiant • Air Cooled

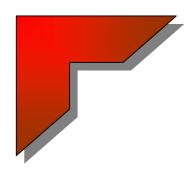
MICA STRIP HEATERS - Thin and Light, Fast Response, Low cost For hot plates, sealing Equipment, Hot Stamping, Dies & Molds, Etc..

CERAMIC STRIP HEATERS - 1/4", 5/16" and 3/8" Thick, up to 45 Watts / sq. in.

Can Be Used As Radiant Heaters or Die Heaters

FINNED STRIP HEATERS - 5/16" Thick, Fin Size 1-3/8" x 2", up to 50 Watts / sq. in.

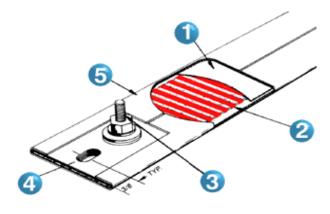
Used For Convection Heating or any Process Requiring a High Velocity air stream







MICA STRIPS HEATERS - 3/16" Thick, up to 35 Watts / sq. in. FOR HOT PLATES, SEALING EQUIPMENT, HOT STAMPING, DIES AND MOLDS, ETC.



"L" series (flexible leads)

OMEGA QUALITY CONSTRUCTION

- 1. Top quality MICA insulation
- 2. Nickel-chrome ribbon engineered for longest life at rated watts & volts
- 3. Post terminals riveted for positive electrical connection to element
- 4. 1/4 x 3/8 mounting hole
- 5. Standard steel sheath with special surface treatment to increase heat transfer and to retard oxidation (stainless steel option.)

SPECIFICATIONS

Length

Minimum without mounting holes = 2-1/2"
Minimum with mounting holes = 3-1/2"
Maximum consult Omega

Width

Minimum, Types P1R-L2CR = 3/4"

Minimum, Type P3R = 1-3/4"

Maximum consult Omega

Thickness

Nominal 3/16

Sheath Temperature

Maximum, Standard units 900 Deg. 482 Deg C Maximum, Stainless Steel Sheath 1200 Deg. F 650 Deg. C

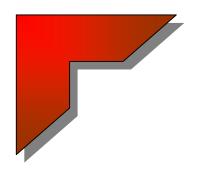
Wattage

35 WATTS/sq. in. recommended max.

Terminals

10-24 x 7/16 POST TERM. Or 12" FLEX. LEADS Voltage

Maximum 480VAC

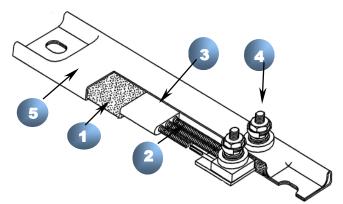






CERAMIC STRIP HEATERS - 5/16" and 3/8" Thick, up to 45 Watts / sq. in.
Thermoforming • Air Heating • Platens • Molds• Ovens • Sealing • Dies • Tank Heaters • Hot

4 SIZES AVAILABLE 1/4" x 1" • 5/16" x 1" • 5/16" x 1-1/2" • 3/8 x 1-1/2"



OMEGA QUALITY CONSTRUCTION

- 1. Magnesium Oxide insulation
- 2. Nickel-chrome coil engineered for longest life at rated watts & volts
- 3. Ceramic Core
- 4. Post terminals -10-24 thread
- 5. Stainless Steel extruded tube for sheath

OPTIONS

LEADS - Off top surface or from end LEADS - in braid or armor

NOTE: 1/4" THICK HEATERS - LEADS ONLY SPECIFICATIONS

ELEMENT -

Nickel/Chrome Coil

SHEATH -

Stainless Steel (Heavy Gauge)

THICKNESS -

1/4"-5/16"-3/8"

TEMPERATURES -

Up to 1400 deg.F

WATT DENSITY -

Up to 45 watts/square inch

VOLTAGE -

Up to 240 volts - Consult factory for higher voltage

TERMINALS -

Post Type-Standard 10-24 Thread

1/4" x 1" WIDE LEADS ONLY

LENGTH -

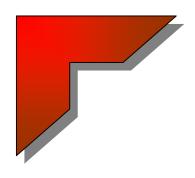
Minimum 4" up to any practical length

MOUNTING TABS -

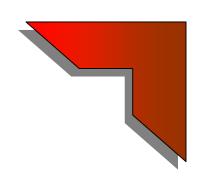
Available with or without tabs

MOUNTING SLOTS -

5/16" X 1/2"





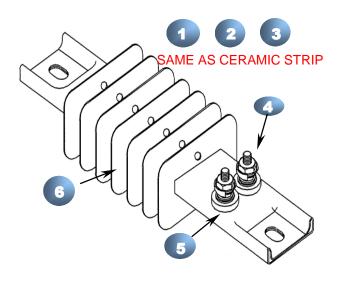


FINNED STRIP HEATERS - 5/16" Thick, Fin Size 1-3/8" x 2", up to 50 Watts / sq. in.

Used For Convection Heating or any Process Requiring a High Velocity air stream

APPLICATIONS:

Air & Gas Heating, Oven & Duct Heating, Load Banks, Space Heaters, Heat Curing, Food Warmers, Shrink Tunnels, Moisture Protection, Ink Drying



SPECIFICATIONS

Element - Nickel Chrome coil
Sheath - Seamless Stainless Steel
Thickness- 5/16"
Fin Size - 1-3/8" x 2"
Fin Material - Nickel Plated Steel (ST.ST. Opt.)
Fin Spacing - 6 per inch
Mounting Slot - 5/16" x 1/2 " 3/8" x 1/2"

OMEGA QUALITY CONSTRUCTION

- 1. Magnesium Oxide insulation
- 2. Nickel-Chrome coil engineered for longest life at rated watts & volts
- 3. Ceramic Core
- 4. Post terminals -10-24 thread
- 5. Stainless Steel extruded tube for sheath
- 6. FINS

Line voltage over 300 volts require secondary insulating bushing with larger Mtg. Slots

MAXIMUM WATT DENSITY

STILL AIR

Up to 300 F - 20 watts/sq. in. 300 F to 600 F - 16 watts/sq./in.

600 to 800 F - 10 watts/sq./in.

10 Watts/34./11

MOVING AIR- 600 FT/MIN.

Up to 200 F - 40 watts/sq. in.

200 to 400 F - 30 watts/sq./in.

400 to 600 F - 20 watts/sq./in.

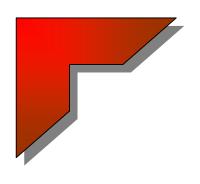
MOVING AIR- 1200 FT/MIN.

Up to 200 F - 50 watts/sq. in.

200 to 400 F - 35 watts/sq./in.

400 to 600 F - 25 watts/sq./in.

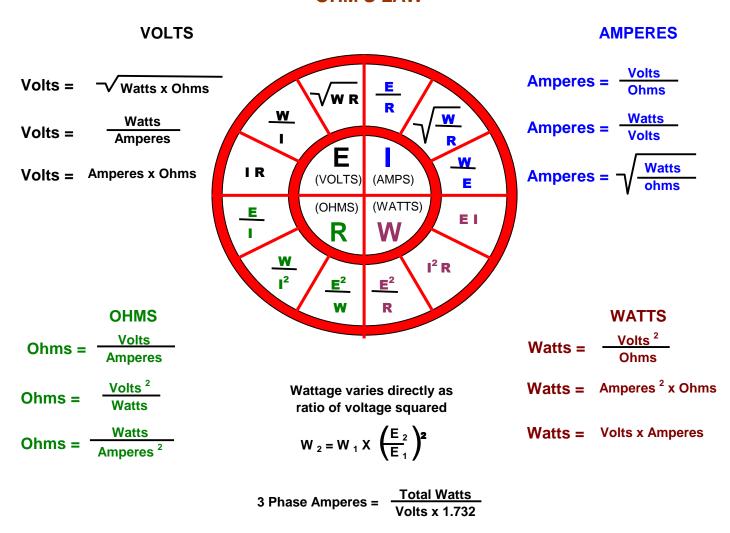
400 to 600 F - 25 watts/sq./in.

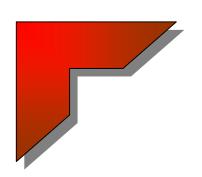




Variations Of Ohm's Law

OHM'S LAW







CALCULATING WATT DENSITY

CERAMIC AND MICA BAND HEATERS

WATTS / SQ. IN =
$$\frac{\text{WATTAGE}}{\text{(ID x WIDTH x 3.1416)} - \text{(COLD AREA)}}$$

CERAMIC AND MICA STRIP HEATERS

WATTS / SQ. IN =
$$\frac{\text{WATTAGE}}{\text{(HEATED LENGTH x WIDTH)}}$$

CHANNEL STRIPS HEATERS

WATTS / SQ. IN =
$$\frac{\text{WATTAGE}}{\text{(HEATED LENGTH x 3.625)}}$$

FINNED STRIP HEATERS

NOTE: Cold area (Gaps, Holes, Cutouts, Terminal Area, Etc.) May Be Subtracted From Above For More Detailed Calcutations.





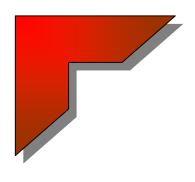


COMMON CONDITIONS

ONE PIECE BANDS:
Rated for a single voltage. 120, 240, 480.
TWO PIECE BANDS:
Rated for 240V Total 120V / 1/2, 480V Total 240V / 1/2
PARALLEL WIRING:
Used to wire several heaters of the same voltage by zone.
SERIES WIRING:
Used to wire heaters rated at part of the total voltage
DUAL VOLTAGE:
For bands that are manufactured to operate at two different voltages

3 PHASE WIRING:

Used to limit the currant load on bands of high wattage and low voltage.



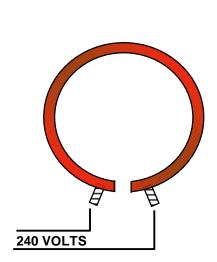


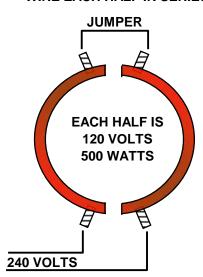


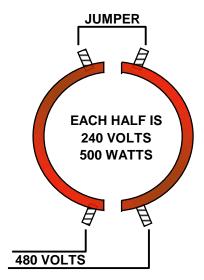
ONE PIECE AND TWO PIECE BANDS:

1 PIECE BAND RATED 240V / 1,000 WATTS

2 PIECE BAND RATED 240 VOLTS / 1,000 WATTS EACH HALF IS 120 V / 500 W WIRE EACH HALF IN SERIES 2 PIECE BAND RATED 480 VOLTS / 1,000 WATTS EACH HALF IS 240 V / 500 W WIRE EACH HALF IN SERIES



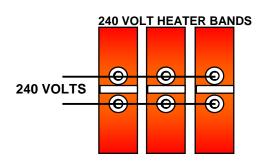




PARALLEL AND SERIES WIRING

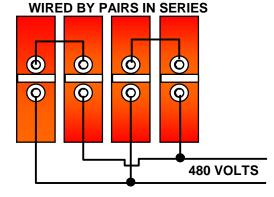
PARALLEL WIRING:

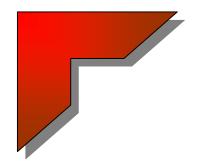
HEATER BANDS ARE NORMALLY WIRED IN PARALLEL BY ZONE



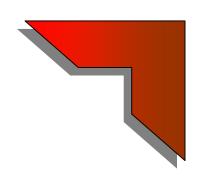
SERIES WIRING:

ILLUSTRATION SHOWS 240 VOLT BANDS WIRED TO ACCEPT 480 VOLTS BANDS MUST BE OF EQUAL WATTAGE AND

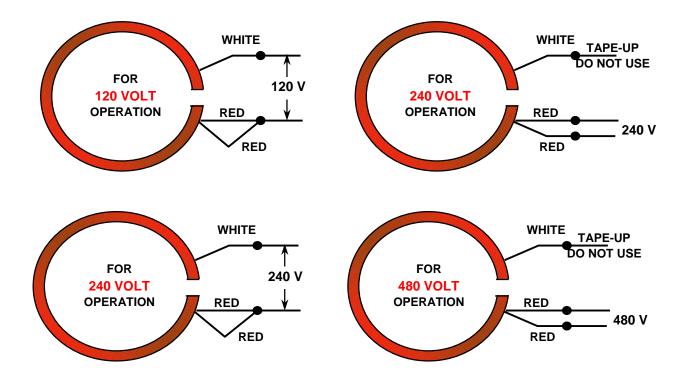




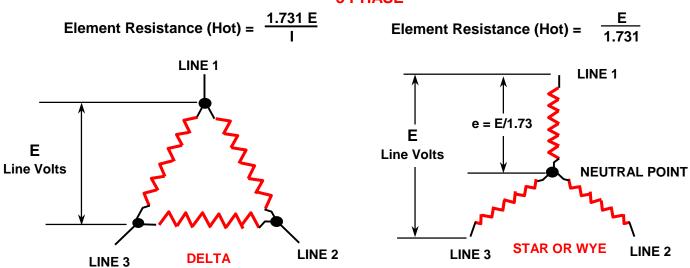




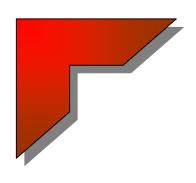
DUAL VOLTAGE:



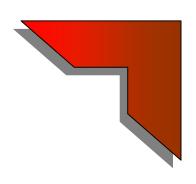
3 PHASE



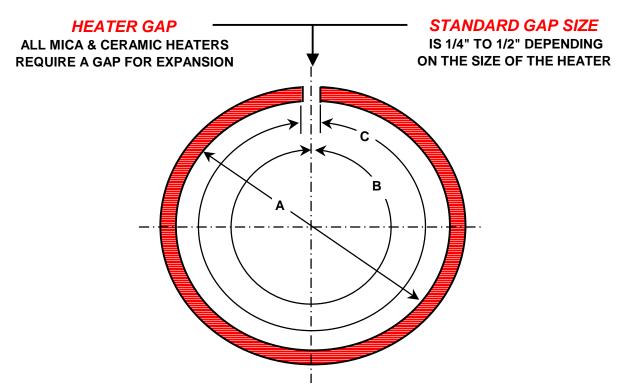
OMEGA HEATER CO. Inc. 2059 Ninth Avenue, Ronkonkoma, NY 11779-6233 Phone: 631-588-8820 Fax: 631-588-8953 E−mail: omega@omegaheater.com • Website: www.omegaheater.com







SIZING BAND HEATERS IN THE FIELD



GETTING THE PROPER DIAMETER FOR THE BAND IS CRITICAL TO INSURE PROPER FIT

- 1) The best way to size the heater is if the OUTSIDE DIAMETER (A) of the part being heater is known This would be the INSIDE DIAMETER (A) of the band, and the proper gap for the heater size will be used.
- 2) The diameter can also be found by measuring the CIRCUMFERENCE (B) of the item being heated. From this the DIAMETER needed can be calculated.
- 3) If working from heaters in a stock bin $\overline{\textit{DO NOT}}$ close the heaters completely

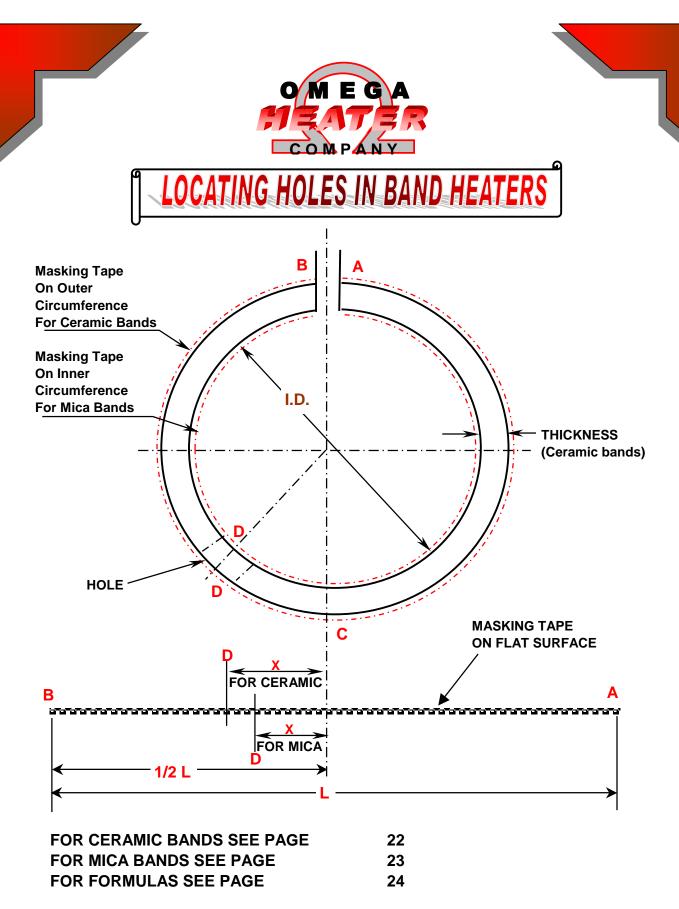
REMEMBER THE GAP

4) Try holding the heater with a 1/4" gap and measure the DIAMETER (A) with a ruler.

OR

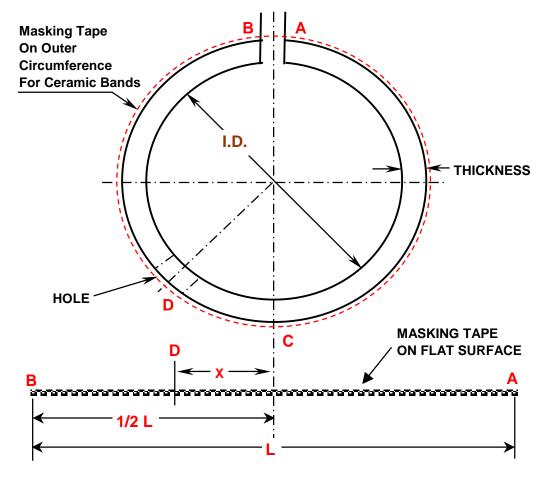
- 5) Measure the inside surface of the heater "C" from end to end, add a 1/4" for the gap this will give you the CIRCUMFERENCE (B) of the heater.
- 6) If special gaps are required it is the responsibility of the customer to advise the manufacturer

THESE DIMENSIONS ARE APPROXIMATE.
ONLY STEP # 1 CAN BE USE AS AN ACCURATE MEASUREMENT FOR MANUFACTURING





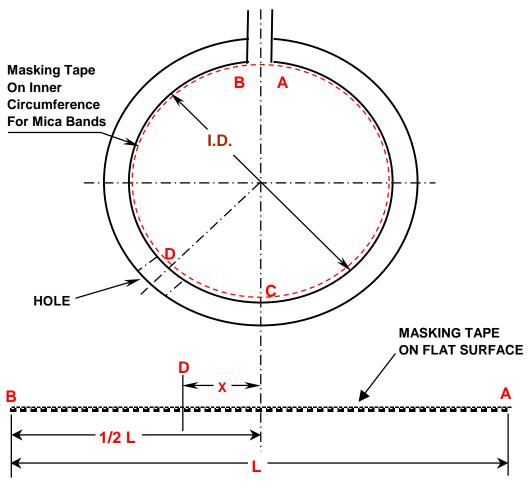




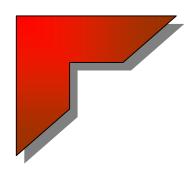
- 1) Using a piece of masking tape on the OUTSIDE surface of the heater, mark the two ends, points "A" and "B", and the centers of the holes, point "D".
- 2) Take the tape off the heater and lay it on a flat surface.
- 3) Find the center of the tape from points "A" and "B", this is the center of the heater shell, point "C" and your reference point.
- 4) From point "C" measure to the center of the holes. For multiple holes measure from point "C" to the center of each hole, point "D", = (X).
- 5) On Ceramic Bands we must also know the thickness of the heater.
- 6) Measurements from the end of the heater may not be accurate due to differences in manufacturing.



HOLE LOCATION FOR MICA BANDS



- 1) Using a piece of masking tape on the *INSIDE* surface of the heater, mark the two ends, points "A" and "B", and the centers of the holes, point "D".
- 2) Take the tape off the heater and lay it on a flat surface.
- 3) Find the center of the tape from points "A" and "B", this is the center of the heater shell, point "C" and your reference point.
- 4) From point "C" measure to the center of the holes. For multiple holes measure from point "C" to the center of each hole, point "D", = (X).
- 5) This procedure can be done on the outside surface of the heater but must be NOTED as such
- 6) Measurements from the end of the heater may not be accurate due to differences in manufacturing.







FORMULAS FOR LOCATING HOLES

CONVERTING INCHES TO DEGREES

1 DEG. = DIA. X
$$\frac{\pi}{360}$$

DIA. = I.D. For Mica Bands
O.D. For Ceramic Bands
(I.D. + 2 x Thickness)

TOTAL. DEG. =
$$\frac{X}{\text{in./deg.}}$$

Where X = Inches Of Length From Centerline Of Heater (Point C) To Centerline Of Hole (Point D)

$$\pi = 3.1416$$
"

EXAMPLE: MICA BAND 10" I.D.,(1) HOLE, 5-1/4" FROM POINT C TO POINT D

1 DEG. =
$$\frac{10 \times \pi}{360}$$
 = .087 inches

TOTAL DEG. =
$$\frac{X}{.087} = \frac{5.25}{.087} = 60$$
 DEG.

FOR ORDERING PROVIDE:

DEGREES FROM CENTERLINE OF HEATER ON INSIDE SURFACE OR

DISTANCE (X) FROM CENTERLINE OF HEATER TO CENTERLINE OF HOLE ON INSIDE SURFACE

OR

DISTANCE (X) FROM CENTERLINE OF HEATER TO CENTERLINE OF HOLE AND HEATER THICKNESS ON OUTSIDE SURFACE

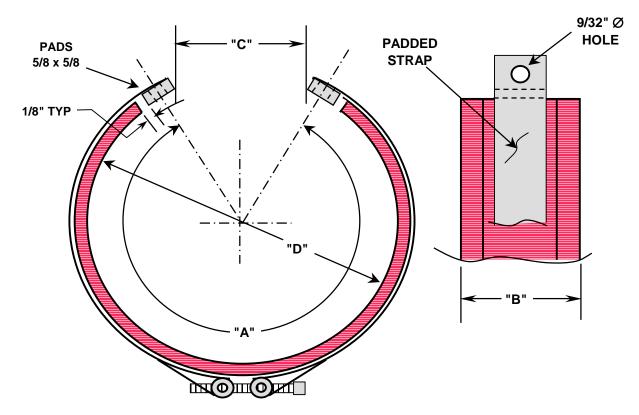




TYPE 13

ONE PIECE CONSTRUCTION

PADDED CLAMPING STRAP



	HEATER	DIM "A" =	0
	COVERAGE	DIIVI A =	"
OR	HEATER	DIM "B" =	"
i	WIDTH	DIM B =	
	HEATER	DIM "C" =	"
	GAP	DIM C =	
	HEATER	DIM "D" =	"
	DIAMETER	DIM D =	

NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Straps are 5/8" wide with 10-24 B/N unless specified.
- (3) Number of straps is to be specified by customer
- (4) Hole size in pads is 9/32" unless specified

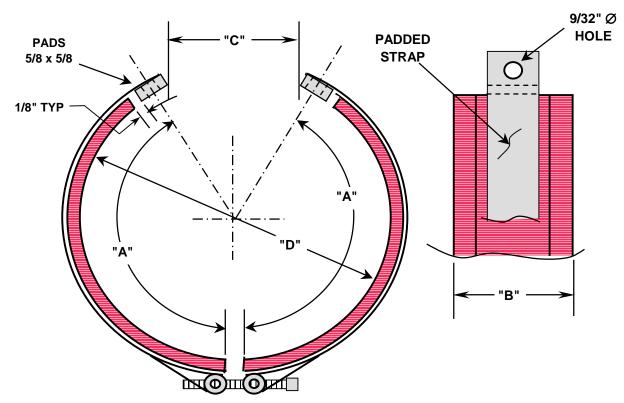




TYPE 13

TWO PIECE CONSTRUCTION

PADDED CLAMPING STRAP



	HEATER	DIM "A" =	0
\rightarrow	COVERAGE	DIW A =	"
OR	HEATER	DIM "B" =	"
	WIDTH	DIN B =	
\Box	HEATER	DIM "C" =	"
	GAP	DIW C =	
	HEATER	DIM "D"	"
	DIAMETER	DIM "D" =	

NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Straps are 5/8" wide with 10-24 B/N unless specified.
- (3) Number of straps is to be specified by customer
- (4) Hole size in pads is 9/32" unless specified

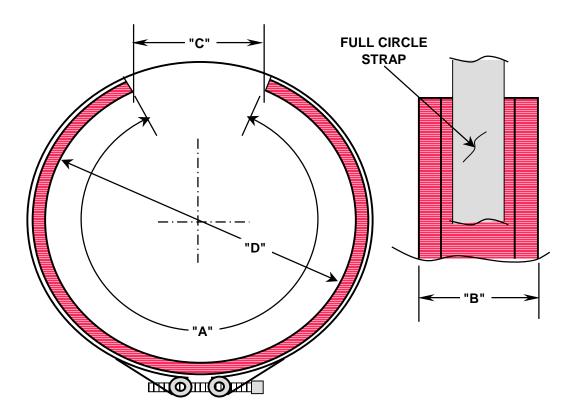




TYPE 13

ONE PIECE CONSTRUCTION

FULL CIRCLE CLAMPING STRAP



\rightarrow	HEATER	DIM "A" =	0
	COVERAGE	DIW A -	"
OR	HEATER	DIM "B" =	"
	WIDTH	DIW B =	
	HEATER	DIM "C" =	"
	GAP	DIW C -	
	HEATER	DIM "D" =	"
	DIAMETER		

NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Straps are 5/8" wide with 10-24 B/N unless specified.
- (3) Number of straps is to be specified by customer





MICA BANDS TYPE 13

TWO PIECE CONSTRUCTION FULL CIRCLE CLAMPING STRAP FULL CIRCLE STRAP HEATER DIM "A" = **COVERAGE** HEATER DIM "B" = OR WIDTH **HEATER** " DIM "C" = GAP HEATER " DIM "D" = **DIAMETER**

NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Straps are 5/8" wide with 10-24 B/N unless specified.
- (3) Number of straps is to be specified by customer

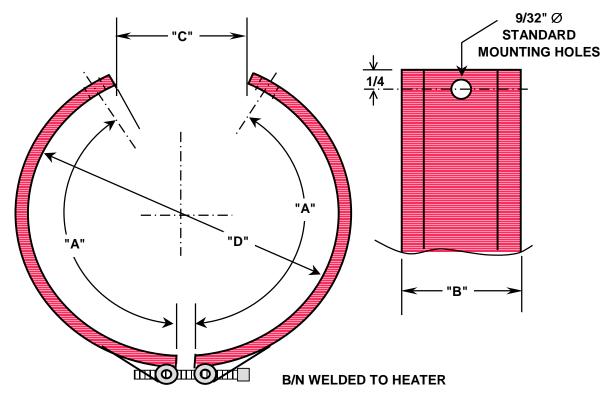


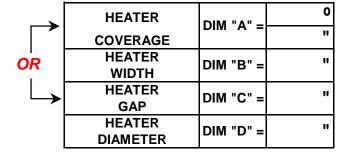


MICA BANDS TYPE 13

MUST BE TWO PIECE CONSTRUCTION

SPECIAL LOCK-UP





NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Barrel nuts may be 10-24 or 1/4-20 thread depending on heater width (B)
- (3) Number, location and size of mounting holes is to be specified by customer

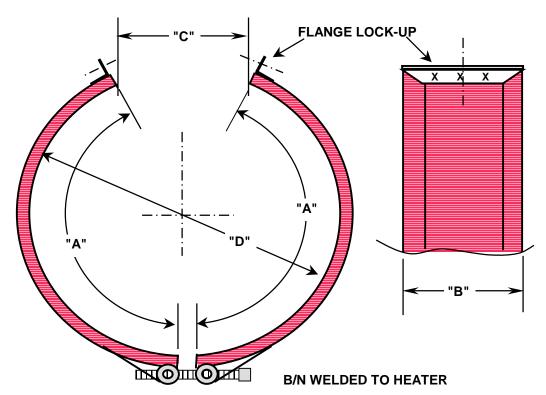


MICA BANDS

TYPE 13

MUST BE TWO PIECE CONSTRUCTION

SPECIAL LOCK-UP



_	HEATER	DIM "A" =	0
	COVERAGE		"
OR	HEATER	DIM "B" =	"
	WIDTH	DIIVI B =	
	HEATER	DIM "C" =	"
	GAP	DIW C -	
	HEATER	DIM "D" =	"
	DIAMETER		

NOTES

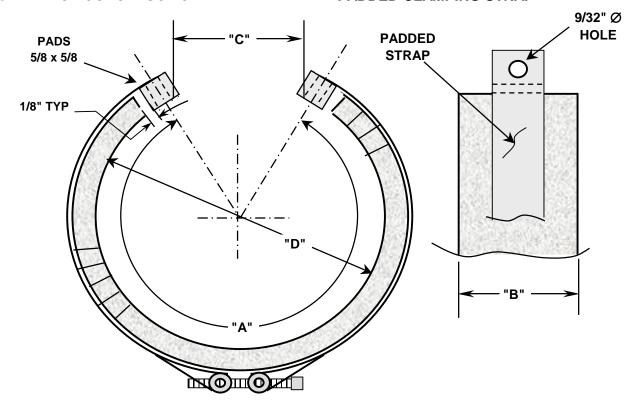
- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Barrel nuts may be 10-24 or 1/4-20 thread depending on heater width (B)
- (3) Flange size to be Specified by customer
- (4) Number, location and size of flange holes is to be specified by customer



CERAMIC BANDS

ONE PIECE CONSTRUCTION

PADDED CLAMPING STRAP



_	HEATER	DIM "A" =	0
OR	COVERAGE		"
	HEATER	DIM "B" =	"
	WIDTH	DIIVI B =	
	HEATER	DIM "C" =	"
	GAP	DIWI C =	
	HEATER	DIM "D" =	"
	DIAMETER	= ט ואווט	

NOTES

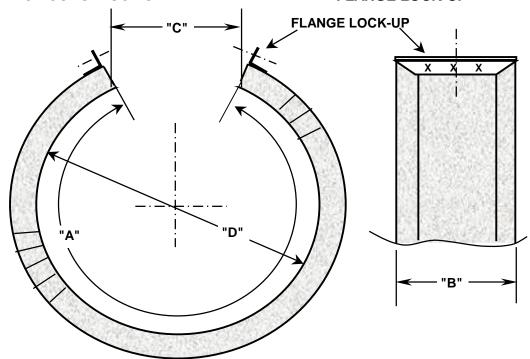
- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Straps are 5/8" wide with 10-24 B/N unless specified.
- (3) Number of straps is to be specified by customer
- (4) Can be made as TWO PIECE construction



CERAMIC BANDS

ONE PIECE CONSTRUCTION

FLANGE LOCK-UP



OR	HEATER	DIM "A" =	0
	COVERAGE		"
	HEATER WIDTH	DIM "B" =	"
	HEATER	DIM "C" =	"
,	GAP		
	HEATER DIAMETER	DIM "D" =	"

NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Flange size to be Specified by customer
- (3) Number, location and size of flange holes is to be specified by customer
- (4) Can be made as TWO PIECE construction



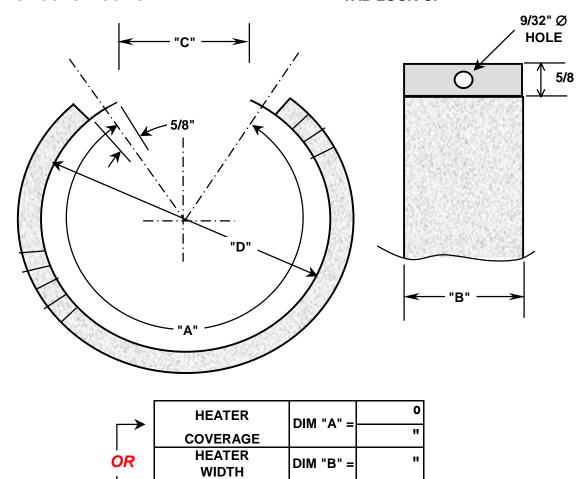


ONE PIECE CONSTRUCTION

TAB LOCK-UP

"

"



DIM "C" =

DIM "D" =

NOTES

- (1) Termination can be Lead Wires or Post Terminals.(Specify location)
- (2) Tab size to be Specified by customer
- Number, location and size of TAB holes is to be specified by customer (3)

HEATER

GAP HEATER

DIAMETER

Can be made as TWO PIECE construction (4)