



# MARATHON HEATER



**THERMAL  
PRODUCTS** INC.  
Engineered Solutions To  
Industrial Applications

**CERAMIC STRIP HEATERS**



# CERAMIC STRIP

## FEATURES

- Marathon Ceramic Strip Heaters offer high temperature performance in a rugged, contamination resistant stainless steel sheath.
- They are bolt-in replacements for many of the Chromalox, GE, Watlow, and other strip heaters.
- Pricing is included in the Marathon CD and price book.



## SPECIFICATIONS

- Max. Temperature = 1200°F
- Max watt density = 75 W/linear inch. 120 if 2 sides in contact with heated part
- Maximum Wattage: 120 Watts per inch of heated length, 75 if only one side is contacting the surface.
- 1½" wide, 5/16" or 3/8" thick, up to 72" long
- 5/16" x ½" mounting slots (center to center = overall length - 3/4)
- Maximum Voltage: 300V standard, 480V special
- Maximum Amperage (Leads) = 12 amps
- Maximum Amperage (Terminals) = 20 amps
- Wattage tolerance: +5%, -10%
- Resistance tolerance: +10%, -5%

## OPTIONS

- S/S Braided leads for flexibility
- Button terminals
- S/S conduit for maximum lead protection
- Right angle exit available on any construction
- Dual voltage and 3 phase construction
- Spring guard upon request
- Built in thermocouple
- Europlug
- Terminal box
- Ground wire construction
- Custom mounting holes
- Ceramic terminal covers

## WATT DENSITY

Watt Density formula for Strip Heaters

**Wattage**

**(Heater Length - Cold) × Width**

## ORDERING INFORMATION

- Quantity
- Length and Width
- Volts/Watts
- Lead wire or Post Terminal Design
- Mounting holes or slots
- Special construction

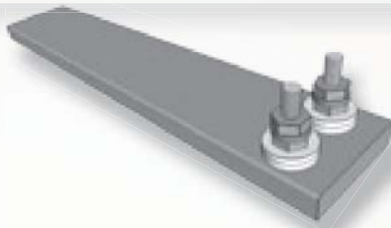
## UNHEATED LENGTHS

### Heaters with Tabs

Heater Style	Unheated Left End	Unheated Right End	Heated = O.A.L. minus:
SN1	2 3/8"	1 1/4"	3 5/8"
SN2	3 1/8"	1 1/4"	4 3/8"
SN3	2 3/8"	2 3/8"	4 3/4"
SN4	3 1/8"	1 1/4"	4 3/8"
SL1	---	---	---
SB1	---	---	---
SL4	2 3/8"	1 1/4"	3 5/8"
SB4	2 3/8"	1 1/4"	3 5/8"
SC4	2 3/8"	1 1/4"	3 5/8"

### Heaters WITHOUT Tabs

Heater Style	Unheated Left End	Unheated Right End	Heated = O.A.L. minus:
SN1	1 1/2"	1/4"	1 3/4"
SN2	2 1/4"	1/4"	2 1/2"
SN3	1 1/2"	1 1/2"	3"
SN4	2 1/4"	1/4"	2 1/2"
SL1	---	---	---
SB1	---	---	---
SL4	3/4"	1/4"	1"
SB4	3/4"	1/4"	1"
SC4	3/4"	1/4"	1"

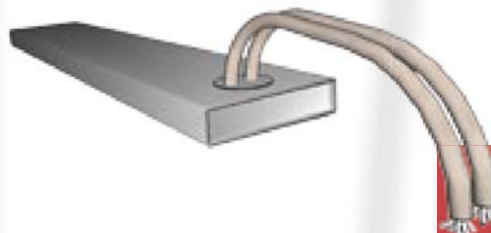


# POST TERMINALS

## TABS

## NO TABS

<b>SN1</b>		
<b>SN2</b>		
<b>SN3</b>		
<b>SN4</b>		



# LEADS

## TABS

## NO TABS

<b>SL1</b>	<del>SL1 NOT AVAILABLE WITH TABS</del>	
<b>SB1</b>	<del>SB1 NOT AVAILABLE WITH TABS</del>	
<b>SL4</b> TGGT WIRE		
<b>SB4</b> SS BRAID		
<b>SC4</b> FLEX CONDUIT		

# OTHER PRODUCTS

**CARTRIDGE**



**AIR**



**TUBULAR**



**MICA BAND**



**CERAMIC BAND**



**TUBULAR BAND**



**REFRACTORY STRIP**



**MICA STRIP**



**CERAMIC STRIP**



**SILICONE RUBBER**



**REFRACTORY DISC**



**COIL**



**THERMOCOUPLE**



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Download our latest brochures at <http://www.marathonheater.com>

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**Calculator**



**Main Site**