



MARATHON HEATER

ENGINEERED SOLUTIONS



LR 109455-1 File #E202904

Founded in 1996, Marathon Heater is the premier manufacturer of electric heating elements and temperature sensors. Marathon specializes in custom designed and manufactured products with no minimum order. Marathon also stocks thousands of heaters and sensors for same day shipment. Whatever your heating requirement, Marathon Heater has a solution.

STANDARD FEATURES

- 304 SS, 316 SS, and Incoloy sheath available.
- Suitable for applications up to 1800 °F.
- TIG welded end disk to prevent contamination and moisture absorption.
- High purity magnesium oxide fill for maximum dielectric strength and thermal conductivity.
- Nickel-Chromium resistance wire for maximum heater life, evenly wound for even heat distribution.
- High temperature fiberglass lead wires for service up to 1000° F.
- UL and CSA recognized.
- English and Metric diameters are standard.

LEAD CONFIGURATIONS

- Swaged in leads
- Crimped on leads
- Teflon leads
- Silicon rubber leads
- SJO Cord with 2 or 3 conductors
- Straight pins
- Threaded terminals
- Rt. Angle lead exit/S/S Braid
- Rt. Angle S/S braid
- Stainless Steel armor
- Rt. Angle S/S armor
- Copper coupler
- Copper elbow
- Strain relief

CUSTOM OPTIONS

- Over 30 diameter options including metric sizing. Square cross sections also available.
- Lengths from 1 in. to 10 ft.
- High temperature designs up to 1800° F.
- Integral thermocouple placement in disc end or center
- Bent HotRod designs
- Profiled heating
- Multi-zone construction
- Double ended construction
- Three phase construction

END SEALS

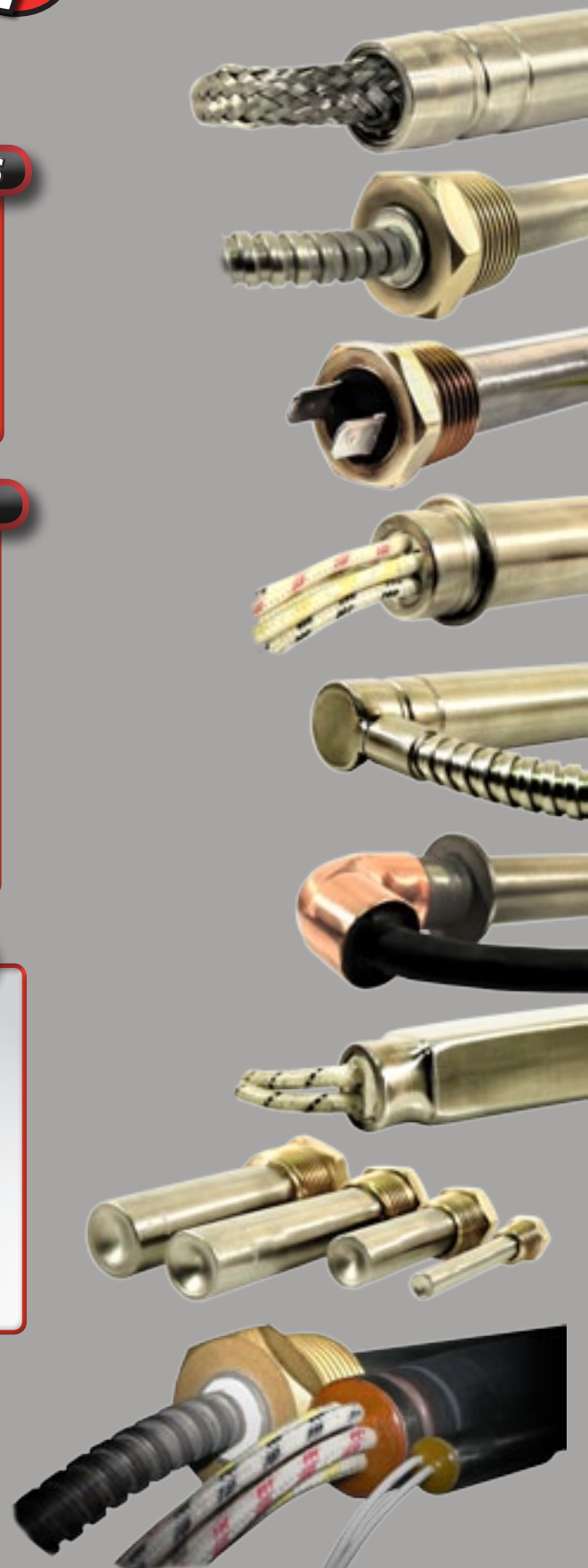
- Teflon seal
- Lava seal
- Cement potting
- RTV potting
- Epoxy potting
- Epoxylyte potting

FITTINGS

- Brass NPT
- 304 S/S NPT
- 316 S/S NPT
- Double ended NPT
- Standard and nonstandard round flanges
- Custom square or rectangular flanges
- Ring Stops, Weld Beads or Tab Stops

SIZES

Standard	Metric
• 1/4"	• 10mm
• 5/16"	• 12mm
• 3/4"	• 20mm
• 3/8"	
• 1/2"	
• 5/8"	
• 1"	



OVER 18,000 PART NUMBERS IN STOCK!

SILICONE RUBBER HEATERS

- Flexible heaters for applications up to 400°F
- Sizes up to 3 ft. x 10 ft.
- Rectangular, round, and unusual shapes
- Multiple mounting options
- UL recognized



CERAMIC BAND HEATERS

- Expandable for easy installation
- 1400°F maximum operating temperature
- Insulated for energy conservation
- 3" to 15" diameter
- 2" to 12" wide



CERAMIC STRIP HEATERS

- For applications up to 1000°F
- Multiple lead configurations available
- With or without mounting tabs
- 3/8" and 5/16" thickness available
- 1½" width standard
- Lengths up to 12ft. long



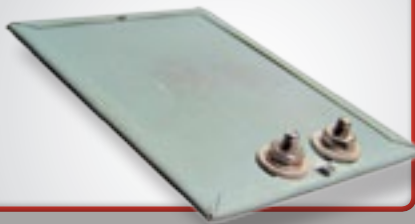
MICA BAND HEATERS

- 3/4" to 60" diameter
- One piece, two piece, and expandable construction
- Multiple termination options
- Up to 1000°F maximum temperature
- Large stock selection
- Optional expandable construction for easy installation
- UL & CSA recognized



MICA STRIP HEATERS

- Sizes up to 4 ft. x 8 ft.
- Flat or shapes
- Multiple termination options
- Up to 1000°F maximum temperature
- UL & CSA recognized



THERMOCOUPLES

- Diameters from .060" and up
- Multiple sheath materials available
- Hundreds of configurations and terminations



VIPER COIL HEATERS

- 1/8" x 1/8" cross section
- Coiling for special wattage distributions available
- Temperatures to 850°F
- Stock sizes available



AIR HEATERS

- 1/2", 5/8" and 3/4" diameters available
- 8 stock items
- Male and female pipe fittings available for stock and custom heaters
- 1000°F maximum air temperature



DISC HEATERS

- Rust-resisting iron sheath (750°F Max Temp.)
- Stainless steel sheaths (1200° F. Max Temp.)
- Thickness is 5/16th inch +/- 1/64th.
- Available without center holes
- Dished heaters curved to fit convex surfaces
- Diameters up to 8"



TUBULAR HEATERS

- Steel, Stainless, Incoloy
- Up to 1500°F
- Sizes available in between fractional lengths
- Threaded fittings available
- Suitable for liquid immersion and radiant heating
- Diameters: .200, .260, .315, .330, .435, .475



REFRACTORY STRIP HEATERS

- Double channel sheath provides rigid unit resisting warpage
- Iron sheath for up to 750°F
- Stainless Steel sheath for up to 1200°F
- Refractory material fill (special ceramic formula).
- 6" to 43" length, 1½ & 2½ wide
- 120v to 550v.



TUBULAR BAND HEATERS

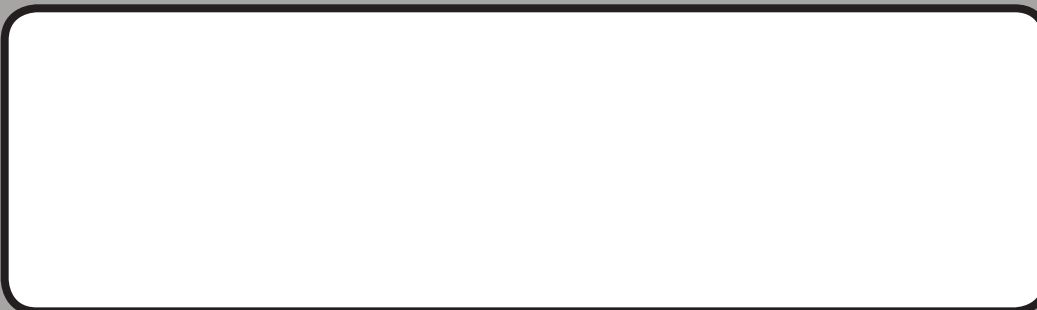
- Extruded, low expansion, aluminum segmented band
- Rugged refractory tubular elements inside
- Up to 600°F
- Extremely long life
- Heating and Cooling tubes
- Cooling only bands available



Marathon Heater specializes in custom solutions to all your heating system requirements. Marathon stocks a large selection of heaters and sensors. In addition, we can provide quick turnaround on special designs.

Whether you need one piece or one thousand, Marathon is committed to providing you with exactly what you need when you need it.

YOUR AUTHORIZED MARATHON HEATER REPRESENTATIVE IS:



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



Main Site