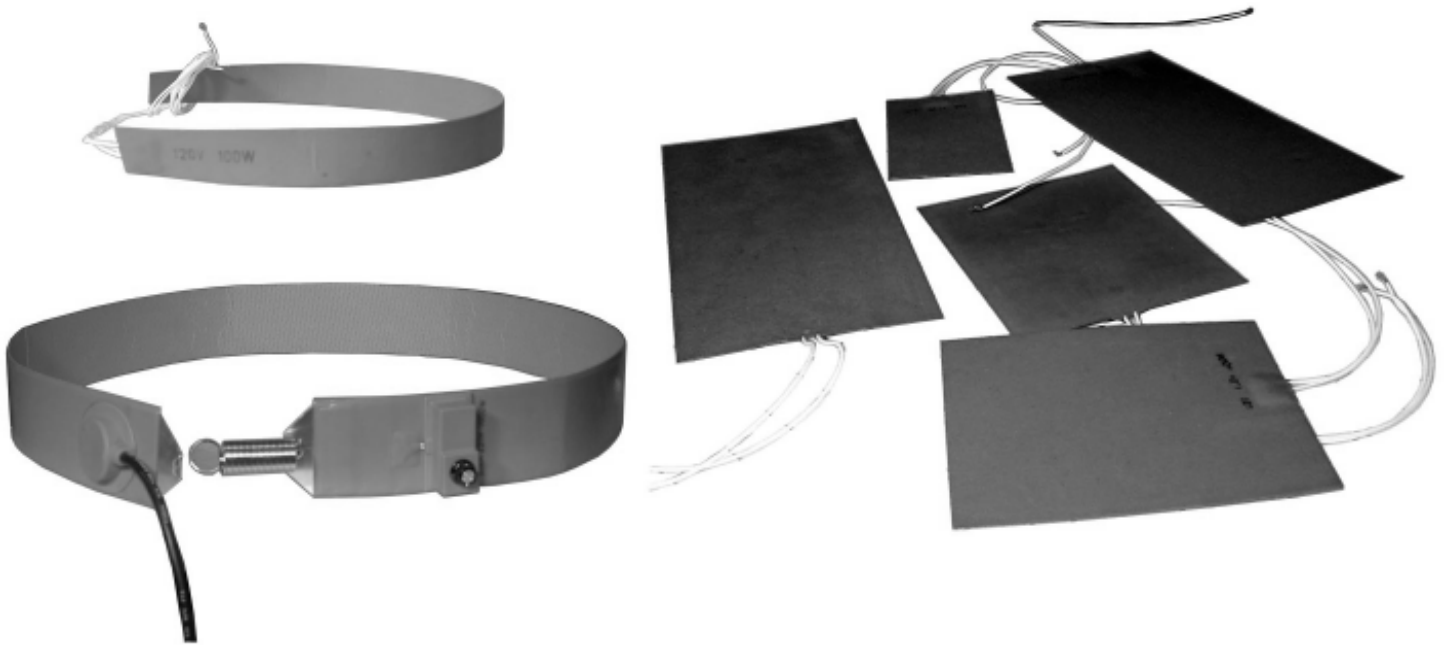


# SILICONE RUBBER HEATERS



## DESCRIPTION

Rugged, yet thin, lightweight and flexible ... the use of MORHEAT silicone rubber heaters is unlimited. With these heaters, you can put the heat where it's needed and, in the process, improve heat transfer, speed warm-ups and decrease wattage requirements.

Fiberglass-reinforced silicone rubber gives your heater dimensional stability without sacrificing flexibility. Because very little material separates the element from the part, heat transfer is rapid and efficient.

## PERFORMANCE CAPABILITIES

- Operating temperatures to 500°F (260°C)
- Watt densities to 80 W/in<sup>2</sup> (12.5 W/CM<sup>2</sup>)
- 0.055 inch (1.4 mm) thick with a wire-wound element; only 0.018 inch (0.5 mm) with an etched foil element

## FEATURES

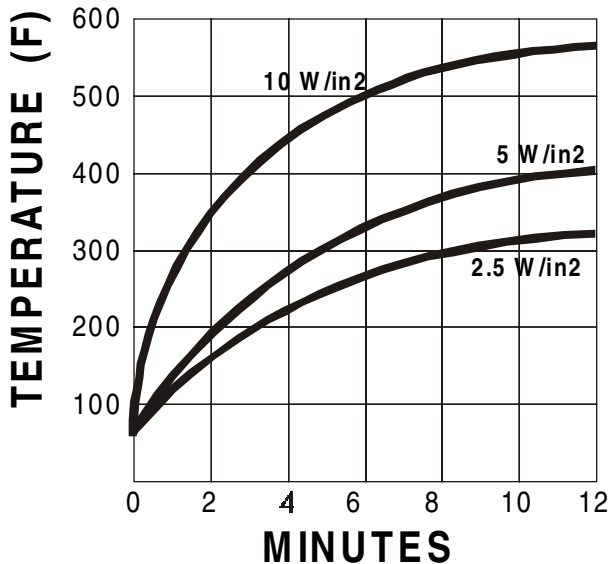
- Designed in the exact shape and size, including 3-D geometry's, to conform to your equipment.
- Moisture and chemical-resistant silicone rubber material provides longer heater life.
- Easy to bond or attach to your part through the use of vulcanizing, adhesives, or fasteners

## APPLICATIONS

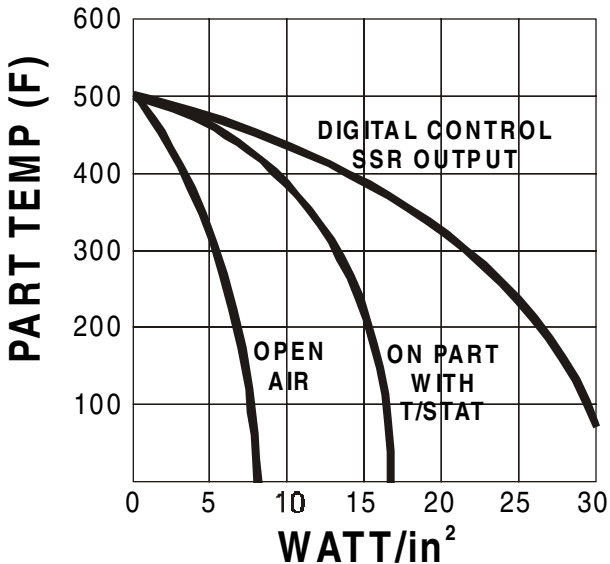
- Medical equipment such as blood analyzers, test tube heaters, etc.
- Computer peripherals such as laser printers
- Curing of plastic laminates
- Freeze protection for aircraft instrumentation
- Photo processing equipment

# SILICONE HEATER DESIGN DATA

**HEATER TEMPERATURE RISE IN STILL AIR**

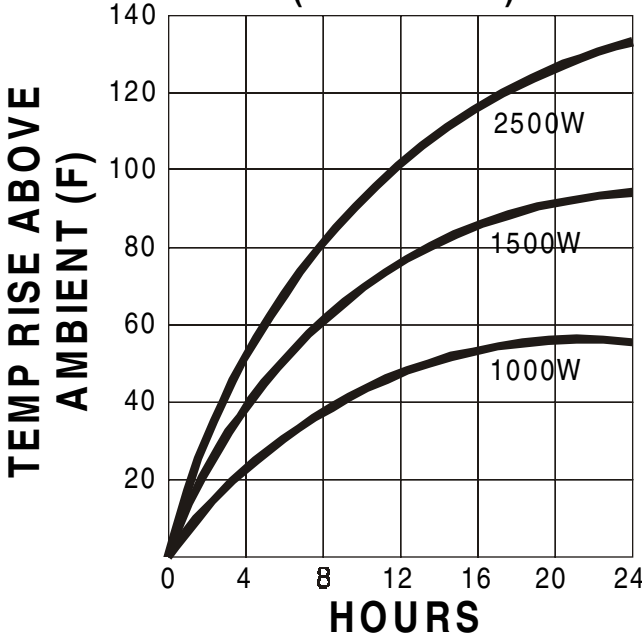


**MAX WATT DENSITY**



# SILICONE RUBBER DRUM HEATERS

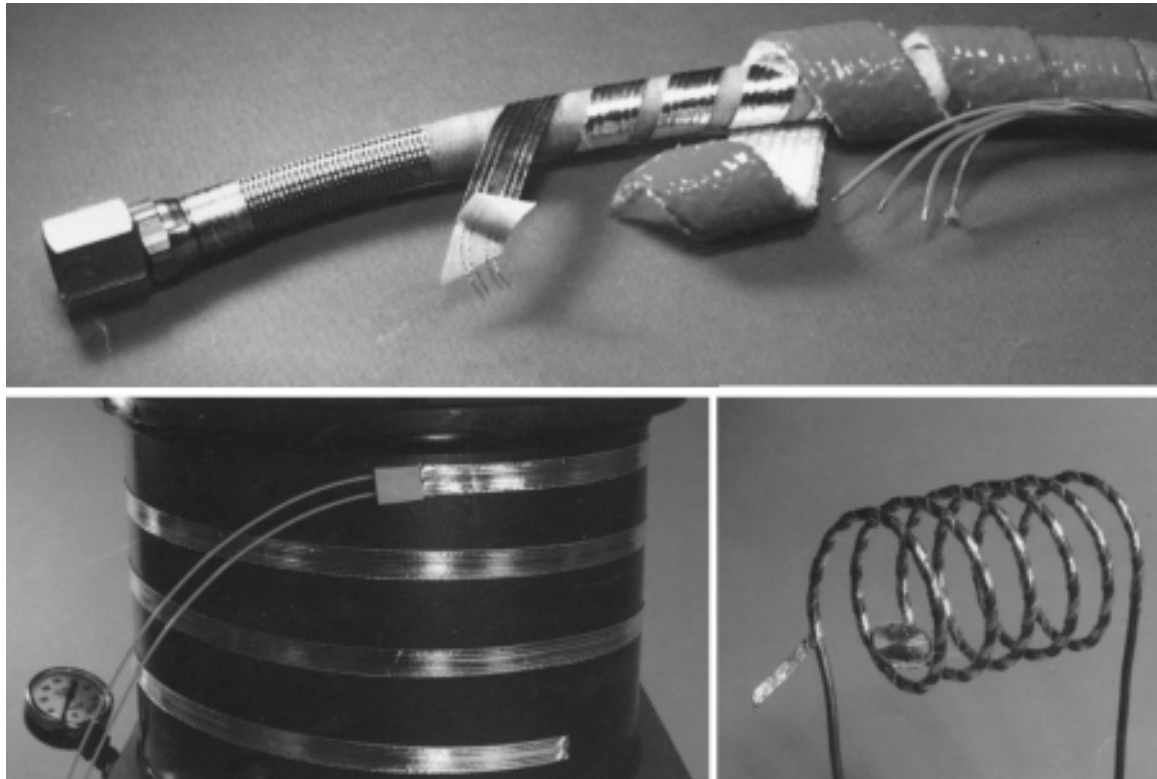
**45gal DRUM HEATING (WATER FILL)**



**DRUM HEATER STOCK LIST**

Drum Size	Volts	Watts	T'Stat
45gal DRUM	120	1000	50-300F
45gal DRUM	120	1500	50-300F
45gal DRUM	240	1000	50-300F
45gal DRUM	240	1500	50-300F

# HEATING TAPE



## DESCRIPTION

Thermally conductive adhesive provides excellent heat transfer on these fiberglass insulated heat tapes.

The outer aluminium backing provides even heating along the entire tape body and also reflects heat back into the heater for excellent efficiency.

## SPECIFICATIONS

OPERATING TEMP	-100 to 250°C
THICKNESS	0.028"
WIDTHS	1/8", 1/4", 1/2"
DIELECTRIC	600VDC
MAX WATT/ft	70 W/in <sup>2</sup>
LEAD LENGTH	SPECIFY

## APPLICATIONS

- Heated hoses
- Cylindrical surfaces such as pipes.
- Drum heating
- Small vessel heating
- Direct heating on to plastic pipe.