

# Silicone Rubber Surface Heater

Silicone Rubber  
 Flat, Flexible  
 Surface Heating  
 Simple Installation  
 Custom Dimensions



The **Silicone Rubber Surface Heater** is a flat, flexible heater. These heaters are ideal for industrial applications and are typically used to apply heat to the windings of motors, generators and auxiliary equipment. Heaters are used primarily to prevent condensation from forming. In a motor, typically they are installed under the end turns or on the inside of the motor housing. By putting heat exactly where it is required, they can also provide resistance to temperature extremes, weathering, fungus growth or chemical attack. Heaters can be installed by using pressure sensitive adhesive, epoxy/cement or mechanical banding. Consult factory for availability of additional sizes and power densities.

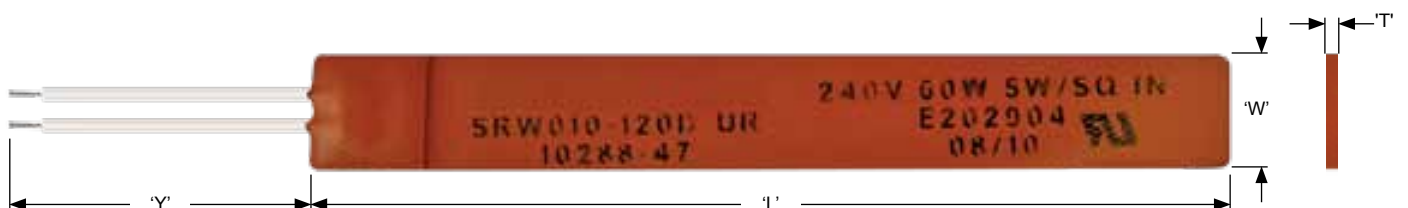
## FEATURES

- Leadwire Options
  - » 22 AWG PTFE Insulated Standard
  - » UL approved leadwire

## APPLICATIONS

- Electric Motors
- Generators
- HVAC
- Aerospace

## dimensions



'L' = Body Length  
 'W' = Width  
 'T' = Thickness  
 'Y' = Leadwire/Cable Length

# Silicone Rubber Surface Heater

## performance specifications

**Leadwires:**

Two Wire  
PTFE Silver Plated Copper, Standard

**Resistance Tolerance:**  $\pm 10\%$  is typical

**Dimensions:**

Thickness: 0.008 inches nominal  
Minimum Size: 0.160 by 1.0 inches  
Maximum Size: 0.008 inches nominal

**Maximum Temperature Range:**

-50 to 180°C (-58 to 356°F)

**Heating Element:**

Copper and Nickel Alloy Wires,  
0.0005 to 0.0030 Inches in Diameter

## ordering info

**Standard Silicone Rubber Surface Heater Configurations\*** (Model 330)

Part Number	Width 'W'	Length 'L'	Thickness 'T'	Rated Voltage (AC)	Watt Density	Total Watts	Lead Length 'Y'
10288-3	1.0"	20.0"	0.55"	120	5	100	12.0"
10288-5	1.0"	30.0"	0.55"	120	5	150	12.0"
10288-11	1.0"	48.0"	0.55"	120	2.1	100	48.0"
10288-36	2.0"	10.0"	0.55"	120	5	100	12.0"
10288-37	1.0"	40.0"	0.55"	120	5	100	12.0"
10288-44	1.0"	10.0"	0.55"	240	5	50	12.0"
10288-77	1.0"	60.0"	0.55"	120	5	300	36.0"

## 联系方式



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