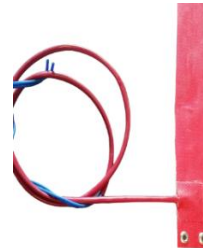




ISO 9001-2015 **CE**

Hotway Thermal Technology Silicon Rubber Pad Heater



Silicon rubber heater known as “flexible heaters”, silicone rubber heaters are composed of Silicon coated fiberglass cloth, it is moisture and chemical resistant, flame retardant, have high dielectric strength it can withstand mechanical shock and vibration. Designed to meet the requirements of various low and medium temperature applications, they improve heat transfer; speed warm ups, and decrease wattage requirements. The silicone Fiberglass-reinforced silicone rubber gives the heater dimensional stability without sacrificing flexibility. Thermostats or RTD can be mounted

- 1) We provide the 3M Adhesive tape on one side, just remove the paper and apply it in any surface. (As per requirement.)
- 2) Springs and Grommet: Each end of the spring is attached to a grommet securing the heater to the tool.

Application

- Condensation Prevention
- Freeze Protection
- Print Industry
- Food Service
- Aerospace Industry
- Pharma/Medical
- Electronic Industry
- Heating of Pipes
- Composite Curing

TECHNICAL SPECIFICATION:

Length	1 to 200 inches or as required
Width	1 to 36 inches or as required
Thickness	2 – 3 mm other thickness available
Watt Density	3 – 4 W/in ²
Wattage Tolerance	+5%, -10%
Maximum Temperature	200 °C
Theremostate	In built fix temperature as required/RTD/PT100/J Type/ k Type
Voltage	12, 24, 48, 110, 230 Volt AC or DC
Lead wire	12 inch to 1 meter Teflon/Silicon insulated, other types available
Thickness	1.50 – 3 mm



- A). 3M Adhesive
- B). The Size can be customized
- C). The highest temperature in the air is 150°C
- D). Applied voltage (USB 3.7 - 5 V DC), 12, 24, 48, 110, 220, 440 Volt , thermocouple wire and thermistor can be added (**PT100, NTC 10K, 100K**)

Flexible Silicon pad heater typically used in applications where a flat or curved surface needs to be heated, such as in industrial processes, medical equipment, and aerospace applications.

One of the advantages of silicone heaters is their ability to conform to irregular surfaces, which makes them ideal for use in equipment that has complex geometries or tight spaces. They can also be easily customized to fit specific shapes and sizes, which allows for a high degree of design flexibility. Silicone heaters are available in a range of power ratings, from a few watts to several kilowatts, and can be designed to operate at different voltages. They can also be equipped with temperature sensors and other control devices to ensure precise temperature control and protection against overheating. Overall, silicone heaters are a reliable and cost-effective solution for a wide range of heating applications, offering excellent thermal stability, resistance to moisture and chemicals, and long service life.

