



Flexible silicone rubber heaters are composed of fiberglass reinforced silicone rubbers that are moisture and chemical resistant. Thin and flexible, flexible silicone rubber heater elements are designed to meet the requirements of various low and medium temperature applications that require irregular shapes, sizes, and dimensions. Flexible silicone heaters are known for their unique and flexible properties and can withstand mechanical shock and vibration. Flexible silicone heaters have unique qualities such as high dielectric strength, non-toxicity, and flame retardant. Flexible silicone heaters consist of two "wafers" of silicone with a heating resistor sandwiched in between. Thermostat controls are options that are

used to help to reach your target temperature. Silicone rubber heaters are rugged, moisture and chemically resistant and are easily bonded or cemented to heat sinks or other parts to be heated. Temperatures from -80 to 390°F (-62 - 200°C) in a wide range of watt densities are regularly supplied.

Application

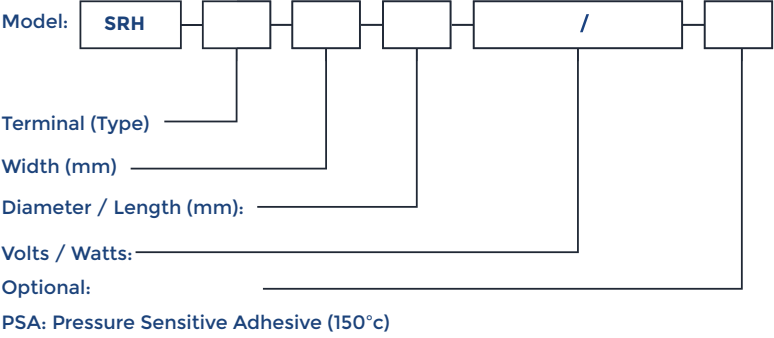
Flexible silicone rubber heaters are designed to maintain precise and even temperatures across all areas of the heater, regardless of shapes, cutouts or distributed power. Flexible silicone rubber heaters are very flexible and resistant to most chemicals. The resistance to environmental conditions makes them a perfect choice for harsh industrial, food service, and environmental enclosure applications.

- Freeze Protection
- Control Bridging and Corrosion in Hoppers
- Process Control and Maintenance
- Flow / Viscosity Control
- Heat various vessels and objects including;
 - Storage tanks
 - Hoppers
 - Vats and silos
 - Conveyor and rollers
 - Presses Water and feed troughs
 - Tank and dip trucks
 - Drums and pails
 - Tote tanks
 - Low temperature ovens
 - Cylinder
 - Enclosure

Many industrial heating applications require heaters with ability to resist chemicals, moisture and abusive treatment. These applications also require for rapid heat-up, with stable temperature maintenance, and uniform heat distribution. For conditions such as above, Maltec silicone rubber heater are the best solution available.

- Uniform heat distribution
- Easy-to-apply industrial strength pressure sensitive adhesive backing option
- Suitable for a large range of environments
- Moisture and chemical resistant
- Exclusive hazardous-area rated heater
- Exceptional durability
- Multi-stranded resistance wire
- Variety of standard sizes and configure-to-order options
- Complex shapes
- Built-in controlling options

Ordering Code



Terminal Location

