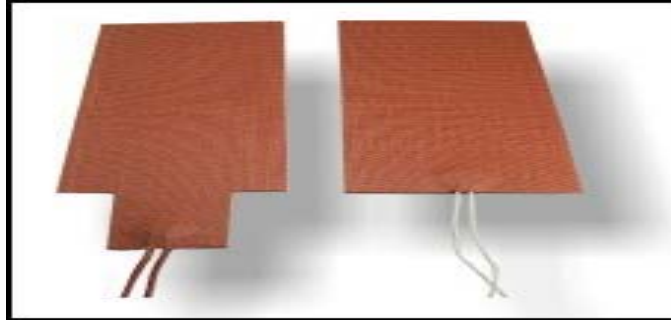


FLEXIBLE RUBBER HEATERS



Flexible Rubber Heaters provide solutions to many of today's complex heating problems. These Heaters are lightweight, ultra thin, water resistant, ozone resistant heaters and were designed for the aerospace and aeronautical industry. They are available in a variety of insulating materials and can be manufactured wire wound or etched foil. Available with built in thermocouples, thermistors, thermostats and high temperature cutoffs. Heaters pre vulcanized to parts or fastened with spring loaded clamps, eyelets for lacing up or by clamping or compression.

Flexible Rubber Heaters Features:

- Flexible and bendable to right angles
- Moisture resistant
- Direct bonding to part being heated
- Thin and light weight construction
- Can be designed and shaped to your imagination (holes notches etc.)
- Fast heat up and quick cool down
- High watt densities possible

Flexible Rubber Heaters Specifications Design Capabilities:

Flexibility. Min Radius Kapton 1 /32 " 0.8 mm
Min Bend radius Silicon 1 /8 " 6 mm

Temperature Range Silicon - 80°F to 500°F Kapton - 60° F to 550°F
Neoprene - 40° F to 250°F HT Foil Semi rigid max 595°F

Thickness Silicon .018 " to .070 " Kapton .006 " Neoprene .050 " to .125 "
HT Foil .025 "

Maximum Length Wire wound 150 " Longer lengths available
Etched foil 36 " Consult HCS for long heaters

Maximum Width. Most Heaters 36 " Consult HCS for wide heaters

Maximum Voltage. 480 VAC 2

Watt Densities. 35 watt/ inch in controlled conditions

Sensors. Thermocouples, RTD, Thermistors, Thermostats.

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