



## Silicone Rubber Insulated Heaters

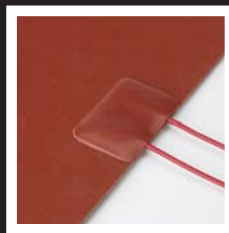
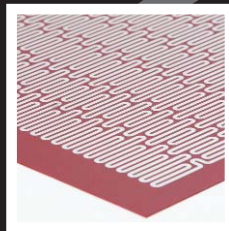
- Custom Design
- Etch Foil and Wire Wound Technology
- Precise Even Heating
- Flexible and Lightweight
- Moisture and Chemical Resistant
- Wide Temperature Range  
-60 to +230°C
- UL and VDE Approval available
- Low Smoke and Low Toxicity Options Available
- Full Design and Manufacturing Service
- 3-5 Day Delivery



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Holroyd Components  
ISO9001:2000  
File No. A10510



# Silicone Rubber Insulated Heaters



## Advantages:

Holroyd silicone heaters are suitable for applications where precise and intimate heating is required. Being thin and lightweight, silicone heater mats have a low thermal mass and hence have rapid heat up characteristics with fast response to temperature control.

Silicone's wide temperature range tolerance of  $-60$  to  $+230^{\circ}\text{C}$  and superb electrical properties give it a distinct advantage over other forms of heating.

## Applications:

Holroyd supply silicone heaters for a multitude of applications including industrial catering, battery warming, environmental control or electronics particularly telecommunications, composite repair of aircraft, laboratory equipment, satellite dish snow melting, anti-condensation and GRP pipe curing systems. The uses for silicone heater mats are infinite as they can suit any application requiring surface heating up to  $230^{\circ}\text{C}$ . Their suitability for arduous conditions has been proven in applications from polar expedition to space exploration. We are the final frontier in silicone heaters!

## Installation and Fixing:

Our self adhesive option is a quick and simple fixing method which provides superb bonding results to many surfaces including low energy materials.

Where removal of the heater is necessary alternative fixings are available such as hooks and straps as well as Velcro and magnetic backed options. Most mechanical fixing methods can be accommodated.

## Thermal Control:

An extensive range of thermal control devices can be incorporated onto the heaters, these include thermocouples, platinum sensors and limit switches. Pockets and housings can also be applied enabling the client to install their own control devices such as PT100's and capillary thermostats.

## Service and Design:

Providing the full design service Holroyd can manufacture virtually any shape and size heater coupled with short delivery times of 3-5 days. From prototype to production, spares and problem solving, Holroyd cover the full spectrum.

## Customer Support:

Established in 1972 Holroyd have been providing surface heating solutions for customer requirements throughout the world. As Europe's largest specialised silicone rubber heater manufacturer our experience and product range is vast.

For detailed product information please visit us at [www.holroydcomponents.com](http://www.holroydcomponents.com) or contact our technical sales team.