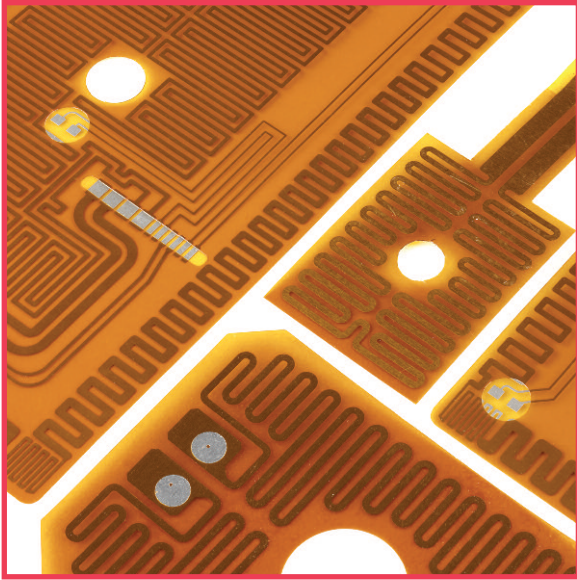


Kapton™ Insulated Heaters



- Thin and Lightweight
- Minimal Thermal Mass
- Superb Electrical Insulating Properties
- Excellent Chemical Resistance
- High Power Densities
- Fast Efficient Thermal Transfer
- Weather and ozone resistant
- Ozone Resistant
- Fungus and Bacteria Resistant
- Good Resistance to Radiation
- 3-5 Day Delivery

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ISO 9001:2008
FM 558985

UL and VDE approved manufacturing facilities

Applications:

Holroyd supply polyimide heaters for many different applications such as industrial catering, battery warming, environmental control or electronics particularly telecommunications, laboratory equipment and anti-condensation. The uses for polyimide heaters are infinite as they can suit any application requiring surface heating up to 200°C. Their suitability for arduous conditions has been proven in applications from polar expedition to space exploration. We are the final frontier in polyimide heaters!

Construction:

Polyimide (Kapton™) is a semitransparent, flexible, thin material, ideally suited for the manufacture of etch foil heater mats. With its low thermal mass, superb electrical insulating properties and excellent resistance to most chemicals, it allows high power densities with fast and efficient thermal transfer. Being thin and lightweight with a wide temperature range polyimide heaters have a distinct advantage over other forms of heating elements. Where fast response, chemical resistance and a low profile is required polyimide heaters offer the ideal solution.

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.

Health & Safety:

The heaters are intended for use in industrial electric heating apparatus. They correspond to the BE EN 60335-1:2002. The heater has to be operated in accordance with these standards and regulations. The heater should be installed on an electrical system protected by a residual current circuit breaker.