



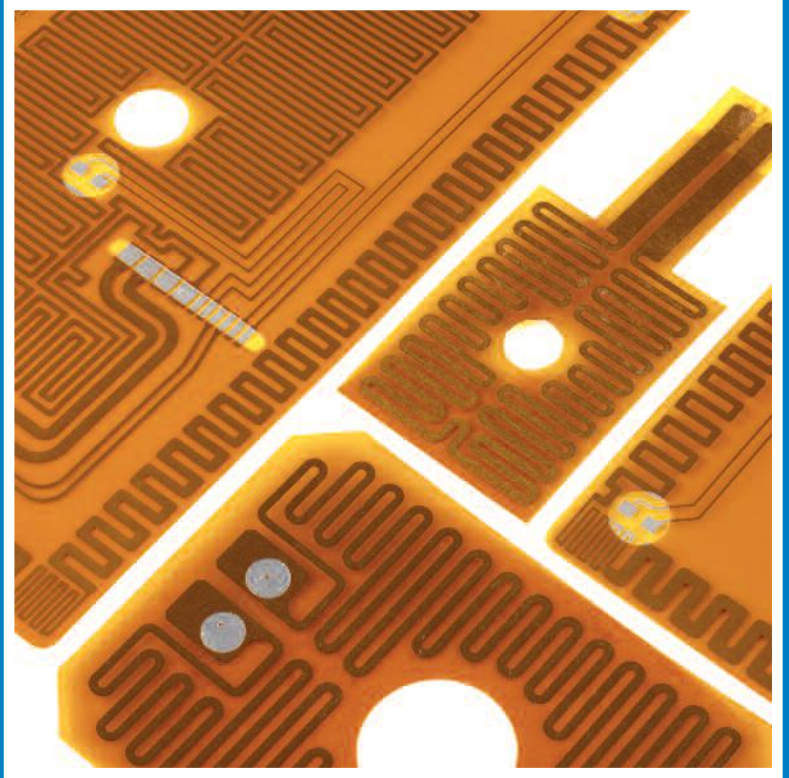
Kapton™ Insulated Heaters

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

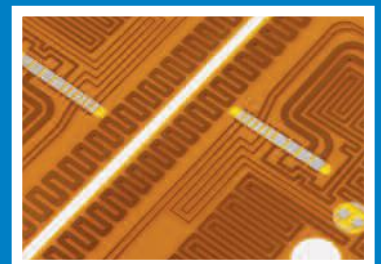
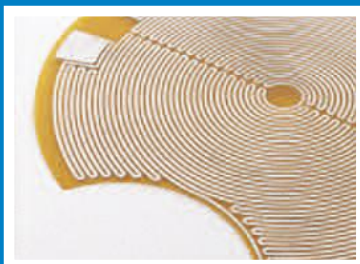
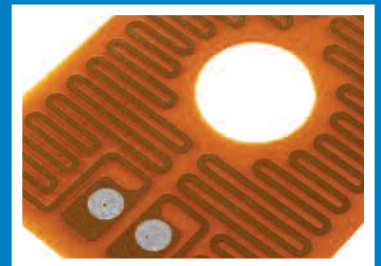


ISO 9001:2008
FM 55895

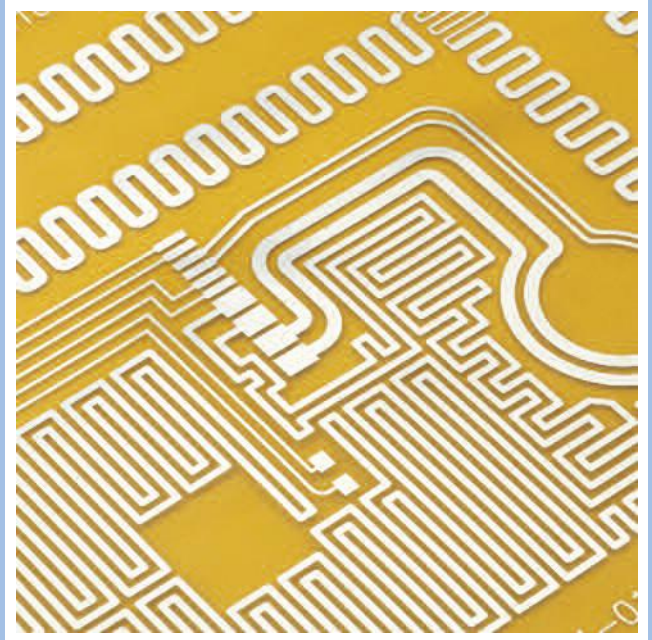
UL and VDE approved manufacturing facilities



- Quality Assured
- Dedicated Design
- Cost Effective
- Express Delivery



Kapton™ Insulated Heaters



Advantages:

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.

Applications:

T&D 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!

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.

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 Thorne & Derrick can manufacture virtually any shape and size heater coupled with short delivery times of 3-5 days.