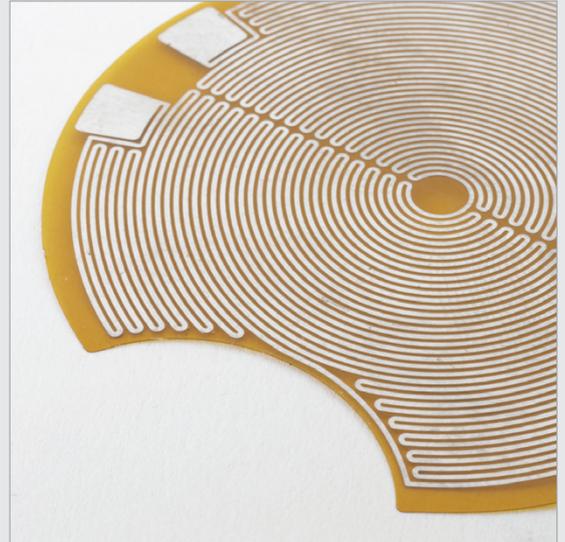


KAPTON HEATERS

Kapton Heaters are ideal for applications that require a lightweight solution or a rapid heat-up time



Advantages Of Kapton Heaters

A thin, flexible and semitransparent material, Kapton Polyimide is ideally suited for the production of heater elements. With its fast and efficient heat transfer, low thermal mass and excellent resistance to chemicals, weather and radiation it allows for high power densities and offers fast response to temperature control. Where low profile, intimate heating is required Kapton Heaters are the ideal solution.

Similarly to the Etched Foil Silicone Heaters, Kapton is constructed from computer designed, chemically etched foil tracks which are laminated between ultra-thin sheets of Polyimide to give precise, even heating. Suitable for both low and high volume production, Kapton Insulated Etched Foil Heaters have rapid heat up properties and allow for precise thermal control. For applications where high power densities are required, Kapton Heaters offer a more intimate form of heating than their silicone counterparts owing to their low thermal mass and thin and lightweight construction. Having manufactured Kapton Heaters for decades, we are experts in designing specific track layouts and meeting the most precise of customer demands.

Applications

Etched Foil Kapton Heaters are suited to both high and low volume applications, applications which require a rapid heat-up times or where even surface heating is required. Our heaters are used in countless applications but our Kapton Heaters have been regularly used for the following purposes; analytic test equipment, aircraft electronics, diagnostic instruments and laboratory equipment to name just a few. If you're not sure if a Kapton Heater would suit your requirements then please contact one of our technical support team who would be only too happy to advise you.

Options

Thermelec can offer a variety of fixing methods and thermal control options.

THERMELEC

Old Naas Road • Bluebell • Dublin 12 • Phone (01) 4568111 • Fax: (01) 4568108
E-mail: sales@thermelec.ie • Web: www.thermelec.ie