

Kheat™ ES-Epoxy heating plate is a heating material developed and produce independently by Ziitek company. The epoxy heating plate plays characteristics of FR-4, with excellent weather and aging resistance. As a insulation material on heating plate, it can enhance the mechanical strength and effectively prevent surface cracking, greatly extend the service life of the products. The epoxy plate can be customized according the design requirements.

Features

- 》 Thickness of resistor: 0.03-0.1mmT, Thickness of epoxy sheet:0.6-2.5mmT
- 》 Easy installed with the excellent phisical strength of the epoxy sheet
- 》 The product is made of two epoxy plates and resistor laminated by high temperature, so it can be made to various shape, holes can be also reserved for easier installation
- 》 Can be customized according to shape, size, power and voltage
- 》 Epoxy heating plate has good chemical corrosion resistance and can be used in humid, corrosive gases and other terrible enviroments
- 》 Can be easily integrated with thin insulation materials, provide lightweight electric heating elements with insulation layer.
- 》 Can do adhesive on one side for convenient installation
- 》 RoHS,CE,UL compliant

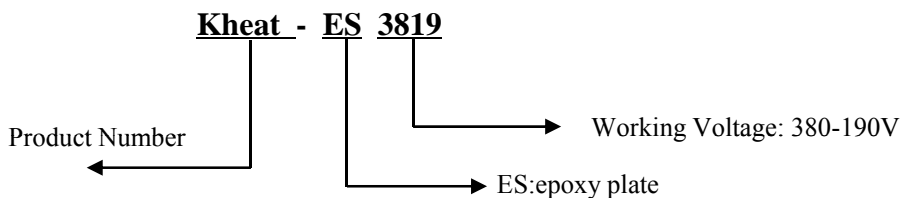
Applications

- 》 New energy industry(battery)
- 》 Communication security industry
- 》 Video camera, hard disk video recorder
- 》 Power industry, military aerospace
- 》 All kinds of electronic products need to be heated
- 》 Medical equipment, precision instruments and equipment

Physical and electrical properties of Kheat™ ES epoxy board

Operating Voltage	3.7V-380V AC/DC	Continuous Use Temp	200℃ (it depends on temperature stability of the adhesive if customer needs adhesive)
Dielectric Breakdown Voltage	≥2500VAC/MIN	Continuous Use Temp	-50~200℃
Insulation Resistance	≥100MΩ	Thickness	0.6-2.5mmT (customizable)
Recommended Power Density	0.1-0.6W/cm ²	Mechanical Compression Strength	100KG/ cm2
Max Power Density	2.0W/ cm ²	Pull Force of Guide Line	≥80N
Service Life	8~15 years	Pull Force of Sordering Point	≥20N

Product Identification:



If you want to know our thermal Products,you can visit our website : <http://www.ziitek.com>

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