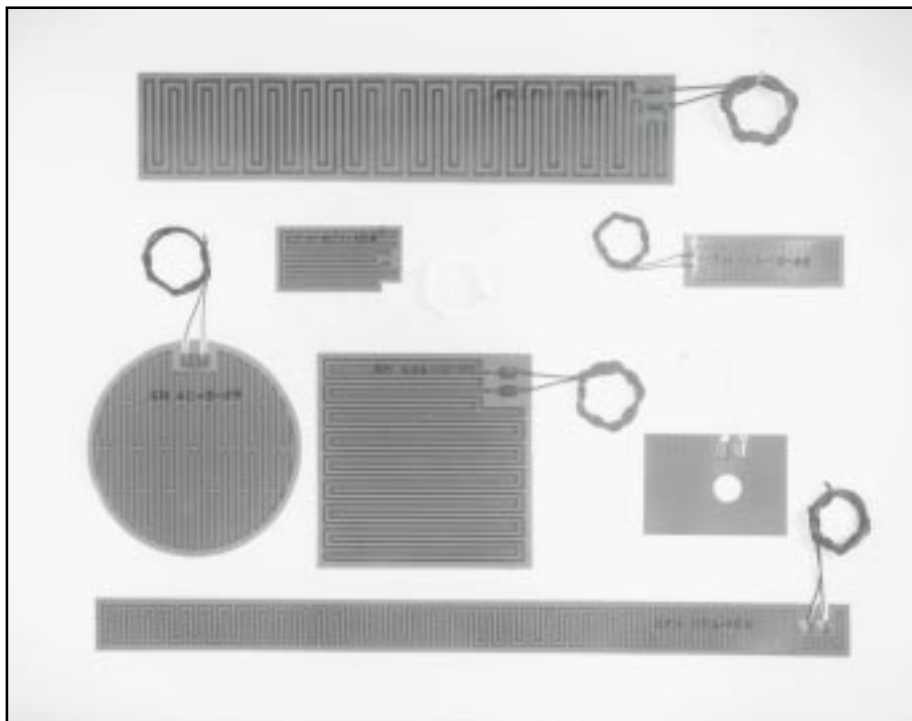


## KH-Kapton™

### Kapton™ Insulated Flexible Heater

- Flexible in Design & Application
- Square, Rectangular, Round & Custom Shapes
- Sizes Available from 1" Square to 12"W x 15"L
- Up to 240 Volt
- Thin Cross Section. Standard Thickness is 0.007" on Heated Surface and 0.040" to 0.060" on Lead Pad Area
- Resistance Tolerance is  $\pm 10\%$
- Kapton™ Material Temperature Range is -328°F to +392°F
- Standard Leads are 12" Stranded Wire with Teflon Insulation
- Low Outgassing
- Heaters can be Designed with Multiple Circuits or 3 Phase
- Temperature Sensors can be Incorporated into the Heater
- Available with Pressure Sensitive Adhesive for Mounting
- Custom Engineered Models Available



#### *Description*

Chromalox Kapton™ Insulated Heaters incorporate etched foil heating circuits between plies of Kapton™; a polyimide material combining high dielectric strength, excellent tensile strength, high tear resistance, low outgassing and resistance to many chemicals. Standard Kapton™ heaters are an extremely thin 0.007" over the heated surface which allows them to be positioned in tight locations

such as instrumentation and analyzers. Etched foil circuits can be engineered with fine lines and close spacing for minimum temperature fluctuations across the surface of the work.

#### *Ordering Information*

Please refer to the matrix provided on the Flexible Heater Ordering Guidelines page which follows.