**Etched Foil Heaters**

**Product Highlights**
- Ultra-thin profile
- High-watt densities
- Uniform heat distribution
- Quick turnaround prototyping
- A wide variety of options to meet your exact requirements

**Features and Options**
- Any shape, cut-out, and size: up to 22" x 30" (559mm x 762mm)
- High watt densities: up to 15 watts/in² (0.023 watts/mm²)
- Very fast thermal response time
- Thin profile: as thin as 10 mil (0.010") (0.25mm) with PSA backing
- Tight bend radius
- Wide range of outer materials to meet your environment and application:
  - Polyimide film, silicone rubber, and your choice of materials
- Wide range of attachment options:
  - PSA (Pressure Sensitive Adhesive) backing, epoxies, or pre-attached to your plates and objects
- Single-zone, multi-zone, and dual-element heaters
- Integrated sensors, fuses, and control devices
- Turnkey systems with temperature control

<table>
<thead>
<tr>
<th>Outer Material</th>
<th>Maximum Exposure Temperature</th>
<th>Total Thickness</th>
<th>Advantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyimide Film</td>
<td>392 °F (200°C)</td>
<td>10 mil (0.010&quot;) (0.25mm)</td>
<td>Thinnest &amp; highest dielectric strength</td>
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<tr>
<td>Silicone Rubber</td>
<td>450°F (232°C)</td>
<td>60 mil (0.06&quot;) (1.52mm)</td>
<td>Moisture and chemical resistance</td>
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Other outer material options available. Contact us for more details.

**Ideal For**
- OEM applications
- Analytical instrumentation
- Medical
- Semiconductor
- Electronics (Indoor and Outdoor)
- Aerospace

**Ordering Information:**
Please contact your local representative or BriskHeat® for a quotation and personalized application assistance.