Etched Foil Flexible Heaters

Both standard and built-to-order Etched Foil Flexible heaters are available. Customizable Etched Foil Flexible Heaters are designed to meet the specific needs of virtually any application.

Product Features & Options

- Any shape, cut-out, and size up to 22" x 30" (559mm x762mm)
- High watt densities: up to 15 watts/in²
- Tight bend radius
- Wide range of outer materials to meet your environment and application (Polyimide film, silicone rubber, and more choices)
- Superior heat distribution and quick thermal response
- Thin profile: as thin as 10mil (0.010") (.25mm) with PSA backing
- Wide range of attachment options (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



Outer Material	Maximum Exposure Temperature.	Total Thickness (with PSA Backing)	Advantages
Silicone Rubber	450°F (232°C)	60mil (0.06")	Moisture and Chemical Resistant
Polyimide Film	392°F (200°C)	10 mil (0.010")	Thinnest and Highest Dielectric Strength

- Ultra-Thin Profile
- High Watt Densities
- Uniform Heat Distribution
- Quick Turnaround Prototyping
- Variety of options to fit your exact specifications

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