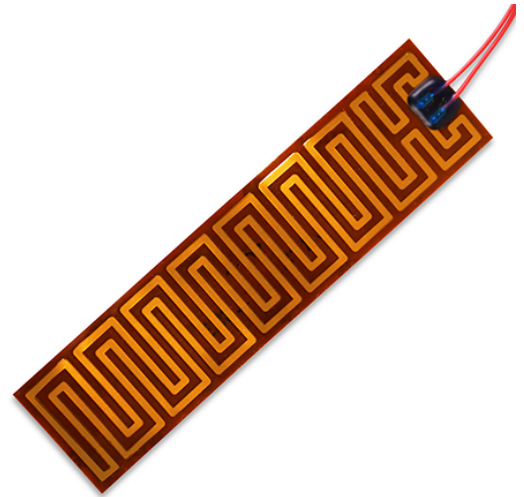


Polyimide Flexible Heater

This series of heater provides heat where it is needed to reduce operating costs. Its polyimide construction provides fast and efficient thermal transfer and uniform thermal performance. Customized options for turnkey thermal solutions are offered for this model. The heaters are thin, flexible, quick and highly precise in providing heat where needed. Polyimide heaters are ideal for applications where space is a consideration. These add minimal weight to the entire process. This entire series is highly customizable.



Features

- **Transparent appearance and low profile, perfect for LCD displays.**
- **Tight resistance tolerance provides constant and repeatable wattage output for longer battery life**
- **High watt density offers faster warm up time needed for quick LCD response and visibility in cold weather operation**
- **Rugged materials of construction prevent costly damage during installation and handling**

Typical Applications

- **Food service (cooking, food holding, serving)**
- **Plastic processes**
- **Ovens**
- **Drying**
- **Laboratory hot plates**
- **Incubation**
- **Instrument forming (e.g. guitars)**
- **Sterilization equipment**
- **Printing equipment (curing, drying, thermal air handling)**
- **Thermal air handling**

Specifications

Temperature range	-200 to 200° (-328 to 392°F). Upper limit with 0.003" (0.08mm) foil backing is 150°C (302°F)
Material:	0.002" Polyimide/0.001" adhesive (0.05/0.03 mm)
Heating element	Resistive wire, diameter 0.00008" to 0.002" (0.02 to 0.05 mm)
Resistive tolerance	±10% or ±0.5 Ω, whichever is greater
Dielectric strength	1000 VRMS
Leadwire material	PFA insulated, stranded
Leadwire length	Standard is 12"