



## MICROTEC Grade-A 12 oz Mug Heater

### Key Features & Benefits

- **Grade-A High-Coil Heating Element**

Engineered with **5× more heating coils** than Grade-C alternatives—ensuring rapid, even, and consistent heat coverage across the entire 12 oz tapered tumbler surface.

- **One-Shot Injection Molded Silicone**

Formed as a single seamless unit, this silicone pad resists bubbling or delamination even at **up to 220 °C**, delivering long-term stability and uniform heating.

- **Perfect for 12 oz Tapered Tumblers**

Custom-designed for tapered 12 oz drinkware such as ceramic mugs, stainless steel tumblers, and enamel cups—providing snug fit and maximum thermal transfer.

- **Global Dual-Voltage Compatibility**

Supports 110/120 V and 220 V AC input, enabling plug-and-play use in both North America and Europe without the need for voltage converters.

- **Plug-and-Play on Microtec MP/MPA Presses**

Seamlessly integrates with Microtec heat-press systems (e.g. MP-20, MP-10, MP-99, LMP-10, MP-60), compatible with their quick-change heating element system .

- **Fast Warm-Up & Energy-Efficient**

High coil density combined with low thermal mass enables fast heat-up and stable operation, saving energy in high-tempo production environments.

- **Durable & Flexible Construction**

Built with high-grade silicone reinforced for durability—flexible enough to accommodate tapered shapes while maintaining reliable contact during repeated use.

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## Technical Overview

The MICROTEC Grade-A 12 oz heater uses a densely packed coil array—5× the standard coil count—embedded in a one-shot injection-molded silicone body that withstands temperatures up to **220 °C**. It supports dual voltage (110–220 V) and integrates seamlessly with Microtec’s quick-change MP and MPA press systems. The heater’s tapered design and low thermal inertia ensure quick, even heat-up and precise temperature control—optimized for tapered 12 oz drinkware.

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## Ideal Applications

- **Tapered Drinkware Sublimation** – Ideal for standard 12 oz tapered tumblers used in heat-press operations.
  - **Café & Office Use** – Keeps coffee or tea at serving temperatures in styled ceramic or steel tumblers.
  - **Custom Drinkware Production** – Enables precision printing on 12 oz drinkware for retail, branding, or promotional goods.
  - **Global Production** – Dual-voltage capability supports international manufacturing without additional converters.
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## Machine Warranty

### Microtec's Commitment to Customer Support

At Microtec, our primary goal is to ensure that our customers can carry out heat transfer activities seamlessly. To support this, we offer **FREE SPARE PARTS** with qualifying orders, alongside the following comprehensive guarantees:

- **Lifetime Technical Support** for all heat press machines.
- **Two-Year Warranty** on the machine.

- **Five-Year Warranty** on fusions and welds.
- **Five-Year Warranty** on the heating plate.
- **Six-Month Warranty** on heaters for cups, plates, and caps.

We are dedicated to providing long-term reliability and peace of mind for your heat transfer operations.