



MICROTEC Grade-C 11 oz & 15 oz Tumbler Mug Heater

Key Features & Benefits

Grade-C Coil Heating Element

Built with a standard NiCr60 open-coil array (Grade-C), this heater ensures reliable, uniform heating up to 220 °C across 11oz and 15oz surfaces—ideal for daily production needs.

One-Shot Injection Molded Silicone

Formed as a seamless unit, the silicone is engineered to resist bubbling and delamination even under high-heat cycles, thanks to its precision fabrication.

Dual-Sized & Dual-Voltage

Compatible with both 11oz and 15oz tumblers and rated for both 110/120V and 220V systems—ideal for global use without requiring converters.

Broad Equipment Compatibility

Plug-and-play functionality works with Microtec MPA-200, MPA-500, MP-160, MP-10, MP-99, and

MP-140 presses—no modifications or adapters are needed.

Energy-Efficient, Fast Warm-Up

Low thermal mass enables quick ramp-up and steady temperature control, ensuring energy savings and fast turnaround in small- to midsize environments.

Durable, Flexible Silicone Construction

High-grade silicone, optionally fiberglass-reinforced, maintains elasticity and resilience, ensuring consistent contact through many heating cycles.

Technical Specifications

The Grade-C heater utilizes NiCr60 coils embedded in a silicone pad capable of reaching **220 °C**. Supporting dual-voltage (110–220 V), it seamlessly integrates into Microtec’s quick-change MP/MPA press systems. With compact design and low heat inertia, it enables rapid, uniform heating—perfect for routine tumbler applications.

Ideal Use Cases

- **Everyday Heat-Press Work** – Ideal for standard 11oz & 15oz ceramic, stainless, or enamel drinkware.
 - **Café & Retail Production** – Keeps beverages warm and sim prints accurate.
 - **Custom Merchandise** – Supports consistent heating across promotional tumbler batches.
 - **International Operations** – Dual-voltage provides flexibility for global deployment.
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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.