



MICROTEC Grade-A 1.5 oz Conical Mug Heater

Key Features & Benefits

Grade-A High-Coil Heating Element

Featuring **5× more heat coils** than standard Grade-C pads, this Grade-A heater delivers ultra-fast, ultra-even heating—perfectly tailored for small 1.5 oz tumblers.

One-Shot Injection Molded Silicone

Precision-molded in one shot, the silicone pad is robust, bubble-free, and heat-resistant up to **220 °C**, ensuring long-term durability and performance.

Compact Design for Small Drinkware

Engineered specifically for **1.5 oz tumblers**, this pad offers precision heating with minimal heat loss—a perfect fit for test runs, samples, and small-format drinkware.

Dual-Voltage & Global Use

Compatible with **110 V/120 V and 220 V** systems for seamless use in North America, Europe, and

beyond.

Wide Equipment Compatibility

Supports leading heat-press models: **MP-10** and **MP-140**—no extensions or extra tooling required.

Energy-Saving & Fast Warm-Up

Low thermal mass with dense coil arrangement ensures rapid ramp-up and stable heat control—ideal for efficient, low-volume workflows.

Durable & Flexible Silicone

Flexible design maintains full contact across uneven surfaces, surviving repeated heating and cooling cycles without wear.

Technical Specifications

The MICROTECI Grade-A 1.5 oz heater achieves temperatures up to 220 °C using a high-density coil array—five times greater coil coverage than Grade-C alternatives—embedded within a one-shot injection molded silicone matrix. This compact heating pad supports both 110/120 V and 220 V AC input and integrates seamlessly with popular heat press models (MP-10, MP-140). Its low thermal mass and small physical dimensions enable rapid heat-up times and precise temperature regulation, while the robust silicone construction ensures durability through repeated heating cycles.

Ideal Use Cases

- **Sample Preparation & Testing** - Precisely heat small beverage items for R&D or QA workflows.
- **Boutique & Specialty Drinkware** - Tailor mini tumblers, shot glasses, or event giveaways with accurate heat press control.
- **Pilot Production Runs** - Test new designs or materials at manufacturing scale without committing to full-size components.

- **Global Operations** - Dual-voltage support suits international equipment without rewiring or 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.