



## MICROTEC Grade-A Super 11 oz Tumbler Mug Heater

### Key Features & Benefits

- **Grade-A High-Coil Heating Element**  
Boasts **5× more heating coils** than Grade-C versions, delivering rapid, uniform heating—ideal for standard 16 oz straight-sided drinkware.
- **One-Shot Injection Molded Silicone**  
Molded as a single, seamless unit, the silicone heater resists bubbling or delamination at temperatures up to **220 °C**, ensuring long-term consistency.
- **Specifically for Super 11 oz Straight-Sided Drinkware**  
Perfectly fits traditional 11oz ceramic mugs, insulated bottles/thermoses, and tall, straight tumblers—not suitable for tapered vessels or flared tops.
- **Global Dual-Voltage Support**  
Supports both **110/120 V and 220 V** AC power—ready for use across North America, Europe, and beyond without converters.
- **Plug-and-Play on Microtec Systems**  
Compatible with Microtec MP/MPA machine lines and their quick-change heater system—no modifications needed.
- **Rapid Warm-Up & Energy-Efficient**

Dense coil design and low thermal mass provide quick ramp-up times and stable heat maintenance—perfect for busy café or workshop environments.

- **Durable & Flexible Construction**

High-grade silicone withstands repeated thermal cycling and maintains elasticity to ensure full contact with straight-sided drinkware.

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## Technical Overview

The MICROTEC Grade-A super 11 oz heater features a densely packed coil array—five times the coil density of Grade-C variants—within a one-shot injection molded silicone matrix, capable of comfortably reaching **220 °C**. It accommodates universal power input (110–220 V) and is engineered to integrate seamlessly with Microtec's MP/MPA quick-change press system. Its straight-sided layout and low heat capacity ensure fast, even heating and precise temperature control for standard-sized mugs and bottles.

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## Ideal Use Cases

- **Standard 11 oz Ceramic Mugs** - Perfect for mug sublimation and custom print applications.
  - **Insulated Bottles & Thermoses** - Ideal for warming or preheating before wrapping or labeling.
  - **Straight, Tall Tumblers** - Works with rigid, non-tapered cups used in cafés or offices.
  - **Promotional Drinkware Production** - Compatible with multiple materials (ceramic, stainless, plastic) for brand customization.
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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.