



MICROTEC Grade-A 20-30 oz Tumbler Mug Heater

Key Features & Benefits

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

Packed with **5× more heating coils** than Grade-C pads, this heater ensures fast, uniform warmth across wide 20-30 oz surfaces—essential for high-volume drinkware applications.

- **One-Shot Injection Molded Silicone**

Manufactured as a single-piece silicone unit, this heater resists bubbling, delamination, and degradation—even at **220 °C**—delivering superior durability.

- **Made for 20-30 oz Straight-Sided Drinkware**

Designed for large-format mugs, insulated bottles, thermoses, and straight tall tumblers, the heater pad ensures full surface coverage and efficient thermal transfer.

- **Global Dual-Voltage Support**

Works seamlessly on both **110/120 V and 220 V** systems—ideal for international operations without needing voltage converters.

- **Quick Integration with Microtec Systems**

Fits Microtec MP/MPA press machines with easy heater swap-out, facilitating fast transitions between different sizes and minimizing downtime.

- **Rapid Heating & Energy-Conscious Design**

The low thermal mass and dense coil configuration enable swift heat-up and stable temperature output—ideal for cafés, workshops, or production lines requiring efficiency.

- **Durable, Flexible Silicone Construction**

Silicone is resistant to moisture, chemicals, and temperature swings, providing reliable performance and flexibility across extended use.

Technical Overview

The MICROTEC Grade-A heater features a high-density coil array—five times the coil count of Grade-C pads—encased in a one-shot injection molded silicone body capable of reaching **220 °C**. Designed for 20-30 oz straight-sided drinkware, it supports dual voltage (110-220 V) and seamlessly integrates with Microtec's MP/MPA quick-change systems. Its optimized design ensures rapid heat-up and uniform thermal coverage for larger format cups and bottles.

Ideal Use Cases

- **20-30 oz Straight Mugs & Tumblers** - Perfect for standard ceramic or insulated drinkware heat-press printing.
 - **Thermoses & Beverage Bottles** - Ideal for preheating insulated containers before wrapping or application.
 - **Workshop & Café Environments** - Maintains serving temperatures for large-format vessels.
 - **Promotional Drinkware Production** - Suitable for bulk customizations across various materials.
 - **Global Manufacturing** - Dual-voltage support enables hassle-free international deployments.
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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.