

Thin, Responsive Heater Sets Standards For Performance and Durability



The MI strip heater is a thin, responsive heater setting unmatched standards for performance and durability. It makes use of the most advanced heater construction techniques, including embedding a nickel-chromium element wire in an exclusive mineral insulation. Watlow's exclusive mineral insulation is a material with a much higher thermal conductivity than the mica and hard ceramic insulators used in conventional heaters. This thin layer of insulation brings the element wire closer to the heater sheath, resulting in easy heat flow from the element wire to the sheath. This allows the wire to run cooler than conventional heaters and increases heater life.

Performance Capabilities

- Sheath temperatures to 1400°F (760°C)
- Watt densities to 140 W/in² (21.7 W/cm²)
- Maximum voltage 480VAC
- UL® component recognition for most 240VAC or less designs

Features & Benefits

- Higher watt densities more than any other strip heater Provides faster heat up
- Exclusive mineral insulation Combines dielectric strength and superior thermal conductivity
- Transfers heat rapidly to the sheath
- 304 stainless steel sheath
- Maintains the high compaction of mineral insulation
- Produces a rigid heater

