

PROCESS HEATING SOLUTION

MICA BAND HEATER

Fast, Uniform Heating for Cylindrical Surfaces

A cost-effective heating solution using mica insulation, nickel-chrome resistance wire and a stainless-steel sheath for reliable, rapid thermal response.

FAST
HEAT-UPUNIFORM
HEATINGCOST
EFFECTIVECUSTOM
SIZES

KEY BENEFITS

- ✓ Fast heat-up and uniform temperature distribution
- ✓ Cost-effective and reliable performance
- ✓ Energy-saving options available
- ✓ Customizable for specific diameters and widths

TECHNICAL HIGHLIGHTS

Max. Temperature	900°F / 482°C
Surface Loading	Up to 8 W/cm ²
Insulation	Mica sheets
Resistance Wire	Nickel-Chrome
Outer Sheath	Typically SS 304
Energy Saving	Approx. 20% heat-loss reduction

CONSTRUCTION

- 1 Stainless-steel outer sheath
- 2 Mica sheet electrical insulation
- 3 Embedded nickel-chrome resistance wire
- 4 Flexible band form for cylindrical surfaces

BEST SUITED FOR

- ✓ Cylindrical surface heating
- ✓ Rapid thermal response
- ✓ Moderate-temperature heating duties
- ✓ Custom diameters and widths

TECHNICAL INSIGHT

“

Mica band heaters operate at lower temperatures than ceramic band heaters, but are well suited to applications requiring rapid thermal response and moderate heat.

FAST RESPONSE
Rapid thermal performanceUNIFORM HEAT
Consistent surface heatingCUSTOM FIT
Diameters & widths availableINDUSTRIAL SUPPORT
Responsive after-saleswww.sensewell.insales@sensewellindia.com+91 9824060315
+91 9725151580

54/4, G.I.D.C. Makarpura, Vadodara - 390010, Gujarat, India.