

Mica Strip / Plate Heaters



Mica Strip Heaters are available in a number of constructions depending on the material to be heated and the application. Sheath temperatures are typically 700°F to 1400°F depending on construction, watt density sheath material and type of insulation used.

Mineral insulated Mica Strip Heaters have the highest temperature rating in stainless steel construction and attain a temperature of 1400°F. Mica Strip Heaters are made of zinc steel up to 900°F and stainless steel up to 1200°F. Mica Strip Heaters can be made with holes notches and cutouts.

The HD Strip Heaters, constructed with a coiled nichrome wire, and then tightly compacting it with MGO gives us a solid rigid heater that is enclosed in aluminized steel for 1100°F or stainless steel for 1200°F surface temp.

Ceramic Channel Heaters have nichrome wire supported on a ceramic core and then tightly compacted in a seamless stainless steel sheath.

Mica Strip Heaters Features:

Rugged construction Various thickness' dependent on heater style
 Mica, ceramic or MGO filled insulation Higher watt densities and temperatures HD
 Zinc steel or stainless steel design possible Wide variety of termination's available
 Wide variety of sizes and options (holes, notches or cutouts)

Mica Strip Heaters Specifications:

	Mineral	Mica	HD	Channel2
Voltage.Maximum	600 volts			
Watt Density W/in.	100	35	100	30
Thickness.	5/32"	5/32"	3/8"	5/16"
Max Length.	42"	Specify	48"	90"
Max Width.	6"	Specify	1.5"	1.5"
Flexible leads.	Yes	Yes	NA	Yes
Finned elements.	NA	NA	Yes	Yes
Holes in Heated Area.	NA	Yes	NA	NA
Terminal Box.	NA	Yes	Yes	Yes
Post Terminals.	Available on all strip heaters			
Max Temperatures.	1400 F	1200F	1100F	750F

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