

Mica Band Heaters

- Thin, Efficient Heater
- Up to 800°F Max. Sheath Temperature
- MB-1, MB-2

Description

A mica core produces a thin, efficient heater. Heat from the precisely wound resistance element is quickly transferred to the working surface for fast heat-up and response. Mica provides excellent dielectric strength and heat transfer capability for long heater life. The mica core is encased in a continuous corrosion resistant sheath and formed. All full mica band heaters are designed with closed ends to protect against contamination. Maximum sheath temperature is 800°F.



Fig. 2 – Usual design for nozzle heating applications. 12" leads are standard.



Fig. 3 – Single conductor metal braid over lead wire. Offers most practical solution to abrasion problem. 12" braid with 14" overall length leads are standard.



Fig. 4 – Standard lead wires exiting 180° from gap.



Fig. 5 – Leads exit at right angle to sheath 5/8" from gap. 12" lead wire in 3" long sleeving is standard. Specify alternate position.



Fig. 6 – Flexible armor cable is the best solution to lead abrasion problems. 12" armor with 14" overall length leads are standard. Specify alternate position.



Fig. 7 – Double conductor metal braid exiting from edge 180° from gap.



Fig. 16 – Double conductor metal braid over lead wires at same position as Fig. 5. 12" braid with 14" overall length leads are standard. Specify alternate position.