



Mica Band Heaters

Argus Heating design and manufacture mica band heaters and distribute the Tempco range of mica band heaters throughout Australasia. These are competitively priced, high-quality brands available ex-stock or custom manufactured.

Mica band heaters provide a reliable and efficient heat source for applications involving temperatures up to 480°C. Argus Heating can design a mica band heater to suit your application.

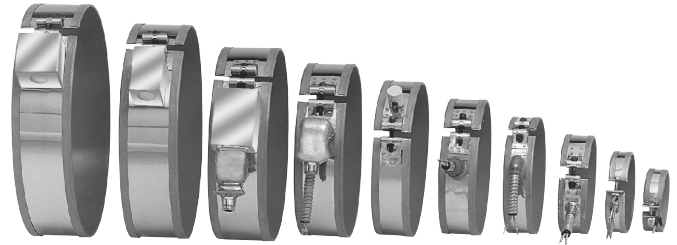
Applications

Typically used in:

- Plastic injection moulding
- Hot runner moulds
- Drum heating
- Pulp & paper processing
- Autoclaves & sterilizers
- Blow moulding machines
- Extrusion dies
- Vending machines
- Food and candy extruders

Features

- Performs well at high operating temperatures (up to 480°C).
- Wide watt-density range available 10-50W/in² (1.5-7.5W/cm²), size and operating temperature dependent.
- One and two-piece bands available for easy installation and long operational life.
- Large range of internal diameter sizes from 1"-12" (25-300mm).
- Wide selection of termination and clamping arrangements available.



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Construction

- Nickel-chrome resistance wire wound around mica insulation.
- Built-in full width stainless steel band with screw clamp as standard (spring loaded or latch and trunnion clamping available on larger sizes).
- Rust resistant steel sheath as standard, stainless steel or aluminium sheath available.
- Stainless steel screw terminals or pre-wired with fibreglass sleeve, braided leads or armoured leads or IEC quick disconnect socket).
- Built-in Type K thermocouples available on request.
- Custom design band heaters available on request.

Please contact Argus Heating to discuss your application and heating needs.