

## Band Heaters

Band heaters are high watt density heaters used to heat pipes for production and industrial work such as extrusion or moulding.

Argus Heating distributes and custom designs a range of band heaters for special application.

### Applications

Typically used for:

- Economical source of heat for plastic industry heaters, such as injection and blow moulding, as well as plastic extrusion.
- Constant heat for pipe and tank heaters in production environments.
- Precise heat for pharmaceutical equipment heaters.
- Heating bulk materials in drum and fluidised bed heaters.
- Accurate heat for food industry production.

### Features and benefits

- Custom holes and cut-outs are available for thermocouples on request.
- Terminal posts or terminal leads: leads can be covered with a braided metal sheath or a stainless steel conduit.
- Custom bands for special applications available
- Because band heaters have excellent insulation, operating costs remain low and the external surface remains relatively cool.

### Construction

- Corrosion resistant steel sheets enclosing mica-clad elements.
- Band heaters are tightened around the cylinder using radial lock-up tabs, or roller clamps.



Cylindrical band heaters are used across a number of industries and applications. These heaters are high quality, competitively priced, and can also be custom designed.

### Specifications

Operating temperature (°C)	150	200	260	315	370
Watts/cm <sup>2</sup>	6	5	3	2	1.5
Band type	Diameter size (mm)		Diameter width (mm)		
One-piece band	25 to 355		25 to 203		
Two-piece band	75 to 825		25 to 203		
Element type	Watt density (W/cm <sup>2</sup> )		Diameter size (mm)		
Mica band	0.78 to 6.2		22 to 355		
Mineral insulated band	3.7 to 9.4		25 to 355		

Contact Argus Heating for expert advice on the best heating solution for your application.