



Cartridge Heaters

Argus Heating design and manufacture a range of low watt density cartridge heaters and distribute the Hotwatt and Tempco range of high watt density cartridge heaters throughout Australasia. These are competitively priced, high-quality brands and available ex-stock.

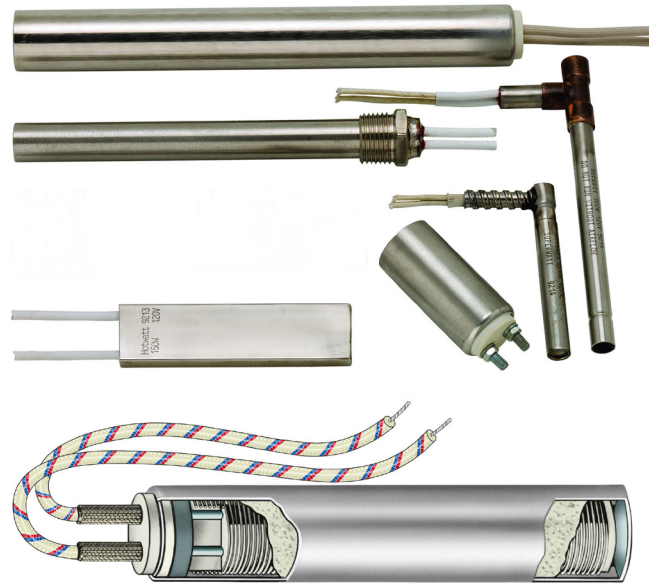
Applications

Typically used to heat:

- Compressor crankcases
- Labelling machines
- Glue pots
- Heat sealing bars
- Dies
- Plastic moulds
- Platens
- Shoe machinery
- Medical equipment
- Hot melt adhesive
- Food processing equipment
- Packaging equipment

Features

- Cartridge heaters rely on close metal to metal fitting to efficiently transfer the heat, reducing the cartridge temperature and maximising the life of the cartridge heater.
- Standard sheath material Series 300 stainless steel. Incoloy 800 available on request. Fitted as standard with Teflon or fibreglass insulated lead wires.
- Range of custom fittings available including a variety of post-terminals, lead terminations, armour fitting, braided leads, threaded fitting, and terminal enclosures.
- Hotwatt and Tempco cartridges offer a wide watt density range of 3.1 to 46.5W/cm².
- Argus Heating cartridges have a maximum watt density of 6W/cm².



Cartridge heaters are available in both high and low watt densities. These heaters are also known as heater cartridges, tubular cartridge heaters, and swaged cartridge heaters.

Construction

The element spiral is encapsulated in magnesium oxide sand, close to the surface of the tube. The cartridge is swaged to increase the efficiency of the insulating sand.

Installation

We recommend that holes for fitting are drilled and reamed to the nominal diameter plus 0.03mm (0.001") maximum, minus 0.00mm minimum.

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