



Foil Heaters & Adhesive Foil Heaters

Foil heaters are used in a wide variety of applications where surface heating is required to warm, melt, or reduce the viscosity of products such as fats, oils, chemicals, and other liquids.

Foil heaters can be designed to suit your specific application and manufactured as one-off designs or mass produced in large volumes. When temperature control is required, sensors and over-temperature protection devices can be incorporated.

Applications

Typically used for:

- Heating large vessels such as Intermediate Bulk Containers (IBCs).
- Preventing fats and oils from solidifying.
- Warming products such as honey to reduce viscosity or maintain an optimum temperature for production.
- Providing cost effective and consistent heat for incubators, food warmers, and propagation trays.

Features and benefits

- Argus Heating will custom design a foil heater to suit your application, up to 2000W/m² with a maximum temperature of 125 °C.
- Higher temperatures and increased wattages can be achieved when the foil heater is clamped between two metal surfaces.
- Any shape or size, double-sided foil with optional adhesive on one side, earthed thermostat, thermocouple, or other temperature sensor options.
- Moulded 3-pin plug, IEC plug, or cold tails.



Foil heaters can be manufactured as one-off designs or mass produced in large volumes. Temperature control and over-temperature protection devices can be incorporated.

Construction

- Custom made silicone insulated heating cable laminated between layers of thick aluminium foil.
- Adhesive backing on one side of the foil heater is optional.
- Optional embedded temperature sensor and digital temperature control options available.

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