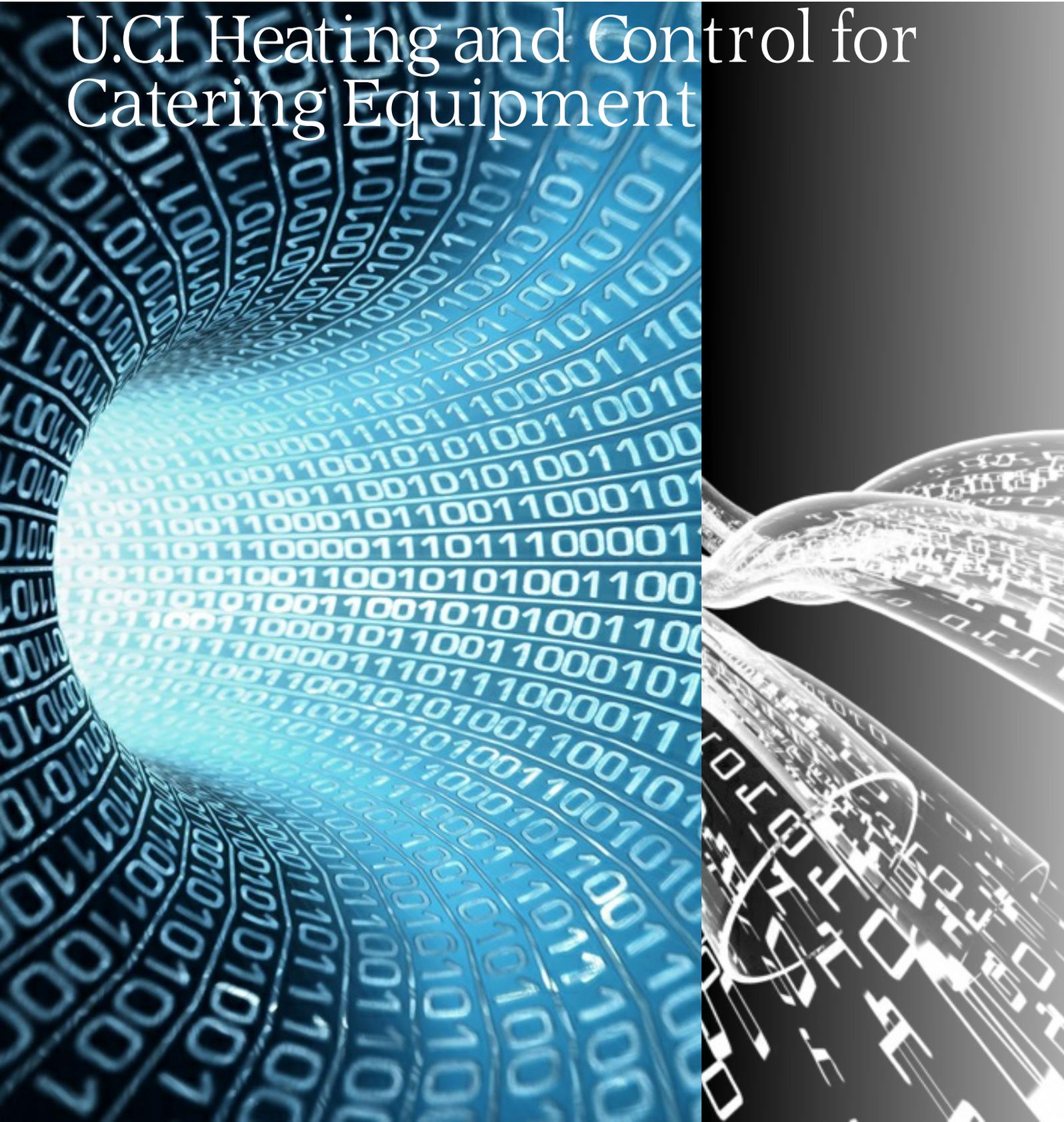


U.CI Heating and Control for Catering Equipment



U.C.I. Silicone & Film Heaters

Silicone Mat Heaters

The advantages of silicone heater mats is the thinness, lightweight and flexibility. It can improve heat transfer, accelerate warming and decrease power under the process of operation. Fibreglass reinforced silicone rubber stabilizes the dimension of heaters.

They are constructed using silicone rubber lamination technology and are available in a variety of configurations including: drum heaters, tapes, and blankets available in various sizes with and without pressure sensitive adhesives.

Being thin and light weight, silicone rubber heaters have a low Thermal mass and therefore have rapid heat up characteristics and a fast response to temperature control.

Our high quality products are competitive priced, coupled with fast delivery times and backed up by a full design and technical service to meet our customers' stringent requirements. The product series are suitable for applications where precise heating is required.

Features

- Designed according to actual shape and dimension, including three-dimensional geometry to meet the requirement of your equipment.
- Moisture proof and non-slip silicone rubber material offers longer working life of heaters. With or without adhesive backing.
- Temperature limiters
- Various voltages
- Lengths up to 3m in a single length
- Heat tolerance: continuous 160 deg C, 180 deg C max
- Easily bonded and/or mechanically mounted to heat sink;
- Optional self adhesive backing (PSA)• Available with either etched foil or wire elements
- Minimum thickness of 0.5mm
- Voltages from 2 to 600V with either AC or DC voltage sources.
- Watt density up to 10w/cm²

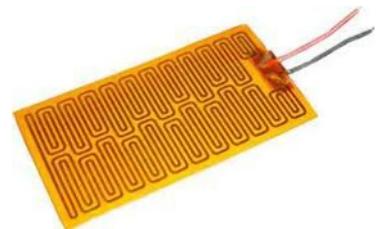


Film Heater

U.C.I. Film Heaters are made from high quality foil for longer lasting service. The resistant element is etched giving a level of splash proofing. The element is sealed between two layers of PET film and is supplied with pressure sensitive adhesive. They are a lower cost alternative to silicone heater mats where watt densities are not above 5w/cm² and have a maximum working temperature of 180 deg C.

Typical Applications

- Heated Food Tables
- Laboratory Equipment
- Ceiling Panels
- Enclosures
- Battery Warmers
- Defrost/Refrigeration
- Wall Panels
- Incubators



Under Control Instruments Ltd
Unit 9 Holly Park Industrial Estate
Spitfire Road, Erdington
Birmingham, UK
B24 9PB

Tel: 0845 688 7122

Fax: 0845 280 6776

Email: sales@undercontrol.co.uk

Web: www.undercontrol.co.uk