www.lmkthermosafe.co.uk
www.inteliheat.com

THERMOSAFE LTD

Industrial Heating Technology
for drums IBCs totes & containers

Tel: +44 (0)1440 707141
sales@drumheating.com

9/10 Moonhall Business Park
Haverhill, Suffolk CB9 7AA England

LMK Flexible Heating Jackets

Tried and tested the World over, our range of Flexible Heating Jackets simply wrap around the vessel, clip together and the thermostat/controller can be set to the desired temperature.

- ➔ High-grade thermal insulation to reduce heat-loss and increase efficiency whilst providing protection for the operator.
- ➔ Fitted with adjustable retaining straps and quick release buckle clips.
- ➔ Integrated fully adjustable thermostats and controllers.
- ➔ 240volt or 110volt versions available from stock.
- ➔ Ideal for wide variety of plastic, fibre and metal containers – drums, tubs, buckets, kegs, carboys, totes, bottles/cylinders, and IBCs.
- ➔ Deliver an even heat over a large surface area, minimising the possibilities of damaging the product.
- ➔ Fit and forget – no regular maintenance required.
- ➔ Safe to use 24 hours a day.
- ➔ Easy to handle, without the weight and stiffness of insulated heat trace.
- ➔ EX (ATEX / IECEx / UKEx / CCC / JPEx) ranges and ETL-marked UL/CSA Standard range also available – please ask for details.

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In Stock Ranges:

We offer three ranges of Flexible Heating Jacket for standard sizes 25L up to 220L drums: *Standard, HiHeat* and *High Power*. **Various control options are available, including digital display, fixed or adjustable thermostats plus optional alarm relays.**

The HJ '*Standard*' range

- ➔ Ideal for gently heating and maintain a temperature up to approximately 40-45°C.
- ➔ FR-rated polyurethane coated black polyester is used on both sides of the jacket (inner and outer) ensuring maximum wear resistance.
- ➔ Needled felt polyester insulation provides perfect insulation.

The HH '*HiHeat*' range

- ➔ Provides a boost in power for applications needing a faster heat-rate up to approximately 60-70°C.
- ➔ FR-rated PU-coated black polyester fabric for the outer layer.
- ➔ High-temperature silicone-coated glass-cloth inner layer.
- ➔ Increased insulation is provided by stitch-bonded glass fibre mat.

The HP '*High Power*' range

- ➔ Maximum power and maximum insulation.
- ➔ Special formulated high-temperature, chemically resistant silicon-coated glass-cloth used on both sides of the jacket to extend product life in demanding applications.
- ➔ Very high-density stitch-bonded glass fibre mat is used as insulation to provide safe and efficient use even at the highest temperatures.
- ➔ 0-160°C thermostat. [HPD1 model uses 0-90°C.]

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IBC / Tote Heating Jackets

For clients using 640/1000/1250 litre bottle-in-cage IBCs and 275/330 US Gallon totes for bulk storage of liquids and low-melting-point solids, LMK offers specially designed flexible heating jackets capable of meeting the demands of almost any heating application.

Starting from our popular single circuit 'IBC1' model (1000L) which is specifically designed for gentle warming, reducing viscosity and anti-freeze/crystallisation applications, through to our high-power 'IBC3' model designed for the most demanding applications, we have a solution for every process. (Please also reference product note PL045.)

Custom Size Flexible Heating Jackets

- ➔ Bespoke design & manufacture service for non-standard containers, cylinders and surfaces.
- ➔ Suitable for virtually any size and specifications.
- ➔ Wide range of standalone analogue and digital controllers, with options to add relay features and link up to existing plant infrastructure / supervisory control systems.
- ➔ Alternative sensor types, safety cut-outs, and sensor probes available.
- ➔ Multiple attachment choices.
- ➔ All jackets designed and manufactured at our ISO9001 certified factories in UK.
- ➔ Very short lead-times.

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Vessel Volume (Litres) & Type	Circumference (mm)	Jacket Height (mm)	Standard Thermostat Range* (°C)	Product Reference	IP Rating§	Rated Power (Watts)
25-30L Drums	870-1020	400	0-90	HJA	IP54	200
		400	Fixed 50	HJWA	IP56	200
		400	0-90	HHA	IP54	300
		400	0-160	HPA	IP54	460
18-30L PE Totes	890-1060	300	0-90	HHAB+	IP54	250
50-60L Drums	1100-1250	460	0-90	HJB	IP54	250
		460	Fixed 50	HJWB	IP56	250
		460	0-90	HHB	IP54	400
		460	0-160	HPB	IP54	640
100-120L Drums	1400-1650	370	0-90	HJC	IP54	400
		370	Fixed 50	HJWC	IP56	400
		440	0-90	HHC	IP54	650
		600	0-160	HPC	IP54	1050
200-220L Drums	1800-1950	440	0-90	HJD	IP54	450
		850	Fixed 50	HJWD	IP56	1100
		850	0-90	HHD	IP54	1100
		850	0-90	HPD1	IP54	1300
		850	2 x 0-160	HPD2	IP54	2 x 1030
10-20L Gas Bottle	505-655	400	0-90	HHGA+	IP54	200
50L Gas Bottle	680-830	1050	0-90	HHG	IP54	450
47kg Gas Bottle	1140-1270	800	Fixed 50	HJWGB+	IP56	690
640L IBC	3750-4000	850	0-90	IBC640+	IP54	1750
1000L IBC^	4060-4310	950	-5-40	IBC1	IP54	1400
		950	2 x 0-90	IBC2	IP54	2 x 1400
		950	3 x 0-90	IBC3+	IP54	3 x 1330

* Jackets can be supplied with alternative controller ranges upon request.
§ Higher Ingress Protection ratings and heavy-duty weatherproof covers for outdoor use are also available.
+ These models are available as standard in 240v single-phase only.
^ 1250L IBCs are catered for using a dedicated insulated lid.

Standard jackets are all Class II products, supplied with 5m of SY or H07RN-F cable.

Designed operating background ambient of -20 to +40°C for CE-marked jackets (0 to +40°C for digital jackets unless specified), and -40 to +40°C for UL/CSA-marked jackets.

A selection of recent customer comments:

"I've been delighted with the heating jacket functionality." | "Both jackets do exactly what we want them to do, so I am very satisfied with them." | "We've had good success with the heating jackets that you supplied." | "The heating jackets have performed brilliantly; you will remain our first source should we need anything further." | "We are very happy with the jackets…made a huge difference from install."

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