

## IBC / Tote Flexible Heating Jackets



Standard IBC2 with optional insulated lid

LMK Thermosafe Ltd manufacture a wide range of drum and container heating products used in process industries world-wide, including flexible heating jackets in a variety of sizes, materials, power levels and voltages.

For clients using 1000 litre IBC's and 270 US Gallon totes for bulk storage of liquids, LMK offers specially designed flexible heating jackets capable of meeting the demands of almost any heating application.

Our dual circuit 'IBC2' heating jacket is an ideal solution for customers requiring liquids to be heated as rapidly and evenly as possible. The two high power heating circuits enable the top and bottom of each jacket to be separately controlled with integrated thermostats. A super high power 'IBC3' can also be supplied for appropriate materials.

Some products simply require warming to avoid winter freezing, or reduce viscosity. The lower cost 'IBC1' single circuit heating jacket is a cost effective alternative when the faster heating times of the IBC2 are not required.

Standard sizes for all types are designed to fit Industry Standard containers (thus have an adjustable length of 4060-4310mm and are 950mm wide), but custom formats can easily and rapidly be made to client specifications. Insulated IBC lids are also available to reduce heat-loss to a minimum. These are supplied with a folding flap in the middle for access to the centre fill-cap.

Outer surfaces of each jacket utilize tough, water resistant nylon materials. Inner layers are manufactured using unique coated glass cloths for protection from chemicals and long term temperature durability. A heavy duty waterproof p.v.c. cover is also available for additional protection when used outdoors.



Standard IBC1 flexible heating jacket



Flexible Heating Jackets for smaller containers also available plus the ATEX approved Thermosafe induction drum heater.

### Specification

Supply/Power:	110v or 240v. One (IBC1) or two (IBC2) separate circuits
Electrical insulation:	Double insulated
Power cable:	5 metres, 2 x 1mm <sup>2</sup> , PVC insulated, sheathed, galvanized steel wire braided, per circuit.
Control:	Integrated adjustable thermostats; IBC2 standard: 0-90°C, IBC1 standard: -5-40°C
Jacket material:	Outer face, single sided hydrolysis resistant, polyurethane coated polyamide substrate with fluorocarbon finish. Base fabric nylon 66 standard. Inner face, custom polyester coated glass cloth.
Insulation:	Stitchbonded, needled, non-combustible glassfibre mat.
Element:	Silicone rubber insulated spirally wrapped resistance wire
Ingress Protection:	At least IP4x