

Heating Jackets





*LMK Flexible Heating Jackets
Jacket*

*IBC Dual Circuit LMK Heating
InteliHeat ATEX/IECEX certified tote heater*

LMK flexible heating jackets are suitable for nearly all plastic, fibre and metal containers - drums, tubs, buckets, kegs, carboys, IBC's etc.

WIDE RANGE OF STANDARD SIZES FROM 20 LITRES UP TO 1200 LITRES AVAILABLE FOR IMMEDIATE DELIVERY. YOUR SPECIAL SIZES MADE TO MEASURE ON FAST TRACK OR STANDARD DELIVERY SCHEDULE.

Standard versions for economical anti-freeze protection of 1000 litre IBC's or totes, plus high power variants for elevated temperature requirements, always available from our extensive inventory.

The standard jackets incorporate a heavy duty waterproofed nylon outer material, fitted with adjustable retaining straps and quick release clips. A high thermal efficiency layer of insulation is held in place between the outer cover and the inner element carrier. The silicone insulated heating element is woven back and forth along the length of the carrier. The braided supply cable and thermostat housing is retained by a polycarbonate gland and an insulating plate.

The jackets can be manufactured in sizes and power ratings to suit particular applications, with standard units for commonly used containers. High quality insulation and direct contact with the drum ensures much higher efficiency than can be obtained from traditional band heaters. Heat losses to the surrounding air are much less than with exposed silicon band heaters so the outer surface is cooler



and energy use is reduced.

Either -5 to 40 deg C (104 deg F) or 0 to 90 deg C (194 deg F) thermostats may be specified, as can operation from 240 volts ac or 110 volts ac power supply.

Jacket construction:

- Nylon, custom coated or silicone glass-cloth base fabrics.
- Hydrolysis resistant, polyurethane coated polyamide substrate with fluorocarbon finish as standard for hard wearing outer surfaces.
- Chemically resistant and high power materials as options.
- Needled polyester or fibreglass insulation.
- Silicone insulated spiral wound resistance element, or patented heater membrane for IntelliHeat hazardous area jacket

Power supply and control:

- Adjustable or fixed temperature thermostat.
- Electrical insulation double insulated for safety.
- Standard 240v ac or optional 110v ac.
- Power cable 5 metres, 2 x 1mm², PVC insulated, sheathed, galvanized steel wire braided.

High Power & Chemically Resistant Heating Jackets:

- Designed for temperatures up to 180 deg C (400 deg F).
- Very high container insulation properties.
- Faster heating rates than our standard jackets.
- Melt solids where speed and special features of [Thermosafe](#) not essential.
- Custom sizes for many process and reactor vessels.
- **Contact us for full technical details and pricing.**



High Power Jacket for 205 litre drum, and chemically resistant jacket on process vessel

Gas Bottle Heater and heavy duty tote / IBC cover:



Reference	Circumference Height	Nominal Power (240V or 110V)
A	870-1020 mm 400 mm	200W
B	1100 - 1250 mm 460 mm	250W
C	1500 - 1650 mm 370 mm	400W



D	1800 - 1950 mm 440 mm	450W
HP2D	1800 - 1950 mm 850 mm	1250W
IBC2	4160 -4310 mm 950mm	2 x 1200w

All standard jackets are supplied with a 5 meter supply cable (2 x 1mm², PVC insulated, sheathed, galvanized steel wire braided) and an integral 0 - 90°C adjustable capillary thermostat.

Anti-freeze protection jackets available with -5 to 40°C thermostats.

110V or 240v versions available as standard.

Call or e-mail with your container dimensions for custom sized options.

Our standard terms and conditions of sale apply.