

# Product Note

**LMK Thermosafe Ltd.**

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## LMK Heating Jackets / LMK “Hi-Heat” Heating Jackets

### Operation

Do not connect to the supply until the jacket is correctly positioned. Always disconnect before removal. Failure to disconnect prior to removal may result in damage to the jacket.

Wrap the jacket around the container to be heated and adjust the retaining straps until a close fit is obtained without over-tensioning the jacket. The jacket should be fully spread and not compressed by any obstructions.

The jackets contain either an adjustable or fixed-temperature thermostat. This is not meant to provide close temperature control, and the figures on the dial of the adjustable thermostats should only be used as a guide to the container wall temperature.

Check with the suppliers of the container and its contents that it is safe to heat to the set temperature. When using the heater on a material for the first time it is recommended to monitor the heating performance.

During and after heating, care should be taken when handling the jacket heater and container.

Ensure that the container is vented to prevent internal pressure build up.

The heating jackets should not be used in conjunction with any other heating appliance.

The heating jackets are not suitable for use in applications where they may be subjected to aggressive chemicals or moisture.

### Maintenance

Before use check the overall fabric of the heating jacket, the junction box and the supply cable, to ensure they are free from damage.

After use, whilst ensuring that the power has been disconnected, wipe clean any residual fluids or materials from the surface with a damp cloth.

### Specification

Supply/Power:	See jacket information panel
Electrical insulation:	Double insulated
Power cable:	5 metres, 2 x 1mm <sup>2</sup> , PVC insulated, sheathed, galvanized steel wire braided
Control:	Adjustable or fixed-temperature thermostat - see jacket information panel
Jacket material:	Outer: Single sided hydrolysis resistant, polyurethane coated polyamide nylon 66.substrate with fluorocarbon finish. Inner: As above, or custom compound elastomer coating on high temperature glass cloth substrate (water, oil, chemical and heat resistant, non halogen), dependant on power rating.
Insulation:	Needled felt. 100% polyester, or stitched and needled fibreglass, dependent on power rating.
Element:	Silicon rubber insulated spirally wrapped resistance wire
Ingress Protection:	IP4X



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