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

Insulated Jackets for Drums and IBCs

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

In addition to LMK Thermosafe's Heating Jackets, a range of insulated jackets are also available. Standard sizes to fit 200L/55G drums and 1000L/275G/330G IBC containers, other sizes available on short lead times.

Insulated jackets may be used to reduce cooling during transportation, reduce time to solidification, frost protection and many other uses.

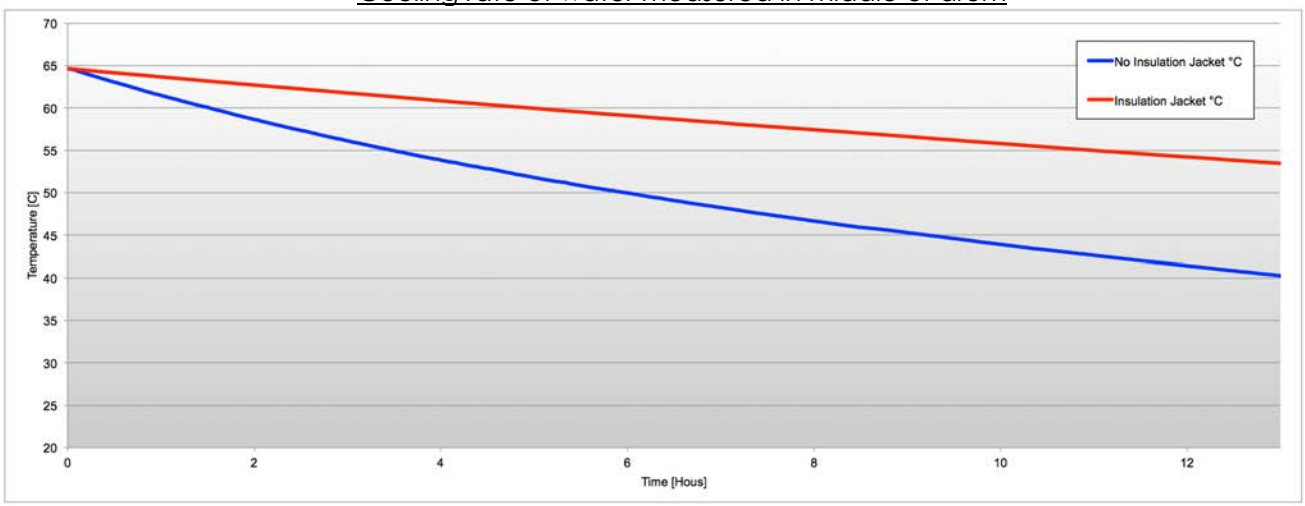
200L/55G Insulated Jackets

Insulated jackets can be quickly fitted by one operator. They are manufactured from a polyurethane coated water resistant polyester with a highly efficient layer of thermal insulation contained within. The design consists of an adjustable side jacket and removable lid.

200L Performance

A 200L / 55G drum of water was initially heated to 65°C and allowed to cool. The difference in cooling rates can be seen below when used with and without an insulated cover. ***Adding an insulated cover reduces the cooling rate by over 50%.***

Cooling rate of water measured in middle of drum



The graph above shows the cooling rate of water measured in the middle of the container.
A significant reduction in the cooling rate can be seen when using an insulating jacket.

Registered in England No. 3959310
VAT No. GB 759 6388 64

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1000L/275G/330G IBC Insulated Jacket

These jackets are designed to fit 'Schutz' style IBCs however other sizes can be manufactured. The insulated jackets can be quickly fitted by one operator.

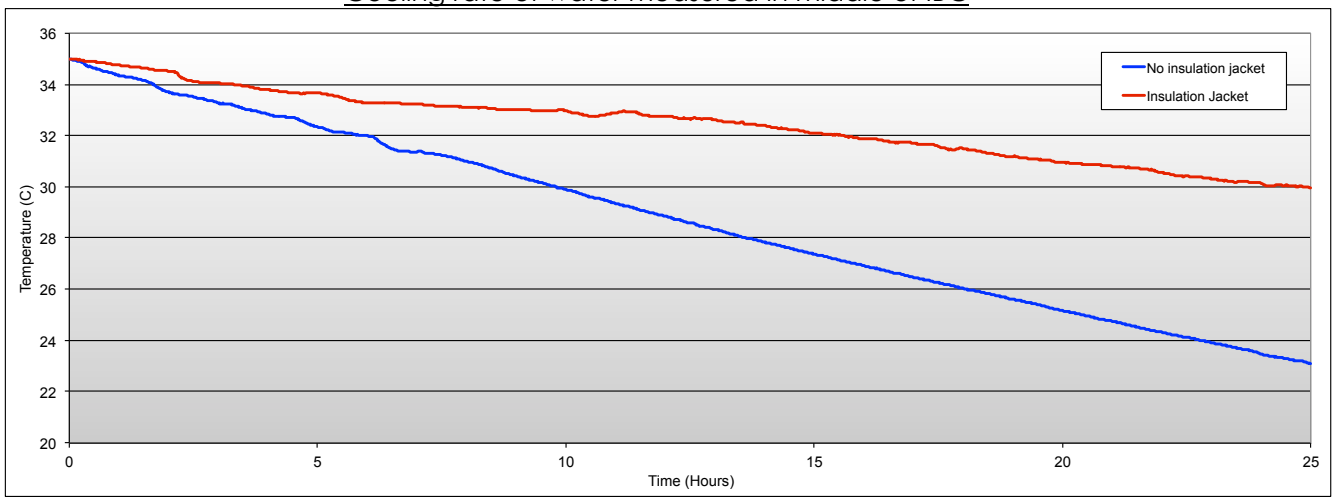
Manufactured from polyurethane coated water resistant polyester with a highly efficient layer of thermal insulation within. Velcro is used to secure the side jacket.
The insulated lid features a central access flap for the top opening.

The outer fabrics are highly durable and can be wiped or washed down with mild detergents.

IBC Size Performance

An IBC full of water was initially heated to around 35°C. The rate of cooling was measured within the water. In all tests the ambient was around 18°C.

Cooling rate of water measured in middle of IBC



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