



# INTELIHEAT® FLEXIPLUS Heating Jacket

## Product Improvement Release Note

### Same Performance, Increased Efficiency

LMK Thermosafe are pleased to announce their successful Intelliheat Heating jacket has been upgraded to a more efficient design. The new design offers the same performance, dimensions and function as the original Intelliheat with a 18% reduction in rated power. IBCs can now be heated in hazardous gas and dust areas (zones 1, 2, 21 and 22).

The heating jacket is manufactured with our unique grades of custom silicone coated glass cloth outer fabrics and high density fibreglass insulation. Safe operating conditions are maintained even in the presence of potentially explosive gases and dusts. No transformers are required as they operate using a standard 240v ac supply.



The IntelliHeat Flexiplus Heating Jackets are designed to easily fit around plastic liner, metal framed IBCs. Other sizes of heating jacket for other containers are also available.

A self-limiting temperature of around 35-40°C above the ambient temperature will be maintained on the container wall when operated at 240v (with a 20°C ambient temperature, the IBC side wall temperature will be around 55-60°C). An LMK Insulated Lid is recommended to reduce heat loss and improve heating rates. Higher power and T4 versions are available to heat to different temperatures.

#### PRODUCT SPECIFICATION

Single Phase up to 240v, 50/60Hz ac  
Class II Appliance, Ingress Protection IP54

Heating Jacket Part Number	To fit container size	Current / Power consumption	To fit container with circumference	Heating jacket length	Heating jacket height
IHF/IBC/IH	1000 Litres	6A / 1400W	4060-4310mm	4310mm	900mm

#### Hazardous Area Certification & Marking:

Standards: EN 60079-0:2012, EN 60079-7:2007, EN60079-31:2009

CML13ATEX3018X IECEx CML 14.0020X Ex II 2 G D Ex e IIC T3 Gb Ex tb IIIC T200°C Db (Zones 1 and 2)