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

INTELIHEAT™ FLEXIPLUS Heating Jackets

Tried and tested in some of the most demanding environments around the world, our range of Hazardous Location Heating Jackets simply wrap around the vessel, clip together and heat the contents to the required temperature.

- Suitable for use in gas and dust hazardous areas (Zones 1, 2, 21 & 22).
- Freeze protection and higher power options.
- Self-limiting and temperature-controlled designs.
- Very easy to install thanks to the super-flexible construction.
- High-grade thermal insulation to reduce heat-loss and increase efficiency while providing protection for the operator.
- Delivers even heat over a large surface area, minimizing the possibilities of damaging the product.
- Fitted with adjustable retaining straps and quick release buckles.
- Ideal for wide variety of plastic and metal containers – drums, cylinders, IBCs, etc.
- Fit and forget – no regular maintenance required.
- Safe to use 24/7.
- Available in custom sizes.



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

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Inteliheat Flexiplus Standard T4 Jacket range (IHF/*/T4)



- Ideal for gentle warming, to reduce viscosity and avoid winter freezing.
- Cost effective alternative when faster heating times are not required.
- No thermostat required. Will maintain a certain temperature above ambient. See following table for more information.
- 0-50°C thermostat can be added during manufacturing to reduce maximum temperature.

Container Type	Adjustable Circumference	Jacket Height	Product Reference	Power	Self limiting temperature** above ambient temperature
25L	870-1020 mm	400 mm	IHF/A/T4	90w	40°C
50L	1100-1250 mm	460 mm	IHF/B/T4	130w	40°C
100L	1400-1650 mm	370 mm	IHF/C/T4	150w	40°C
205L	1800-1950 mm	850 mm	IHF/D/T4	540w	50°C
1000L IBC***	4060-4310 mm	950 mm	IHF/IBC/T4	960w	20°C (25°C with insulated lid)
Gas Cylinder (suitable for 150A, 200, 300, A, K 75lb)	685-830mm	1060mm	IHF/G/T4	100w	30°C

All sizes may be fitted with optional 0-50°C thermostat, product code changes to IHF-R/*/T4.

* Size of heating jacket

** IHF/*/T4 standard products are able to maintain a set temperature above the ambient temperature. E.g. The 25L heating jacket will heat to 40°C above the ambient when operated at 240v. With a 20°C ambient temperature, the container wall temperature will be around 60°C.

*** 1000L IBC standard heating jacket only for use with metal framed HDPE plastic liner IBCs. Not to be used with SX (metal frame, metal jacket) IBCs. SX and other styles / sizes of IBC can be catered for with our custom heating jackets – see pg4.

PRODUCT SPECIFICATION

Single Phase up to 240v, 50/60Hz ac
Class II Appliance, Ingress Protection IP54
For use indoors or under a shelter only.
Power cord: 5m | Certified ambient: -20°C to 40°C
Chemically resistant silicone coated glass cloth outer, high density fibreglass insulation.

Hazardous Area Certification:
Standards: EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-31:2014
CML13ATEX3018X, CML 21UKEX3412X Ⓔx II 2 G D Ex eb IIC T4 Gb Ex tb IIIC T135°C Db (Zones 1, 2, 21 and 22)

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Inteliheat Flexiplus Standard T3 Jacket range (IHF-R/*/T3)

- Ideal for faster heating to higher temperatures.
- Fitted with adjustable thermostat as standard.
- Jackets only to be used with standard sized containers/cylinders – custom designs available for other sizes.



Container Type	Adjustable Circumference	Jacket Height	Product Reference	Power	Adjustable thermostat range**
25L	870-1020 mm	400 mm	IHF-R/A/T3	160w	0-85°C
50L	1100-1250 mm	460 mm	IHF-R/B/T3	275w	0-85°C
100L	1400-1650 mm	370 mm	IHF-R/C/T3	295w	0-85°C
205L	1800-1950 mm	850 mm	IHF-R/D/T3	685w	0-85°C
1000L IBC***	4060-4310 mm	950 mm	IHF-R/IBC/T3	1620w	0-65°C
Gas Cylinder (suitable for 150A, 200, 300, A, K 75lb)	685-830mm	1060mm	IHF-R/G/T3	285w	0-85°C

* Size of heating jacket
** Range assumes an ambient temperature of 20°C. Lower ambient temperatures may reduce the maximum temperature achievable.
*** 1000L IBC standard heating jacket only for use with metal framed HDPE plastic liner IBCs. Not to be used with SX (metal frame, metal jacket) IBCs. SX and other styles / sizes of IBC can be catered for with our custom heating jackets – see pg4.

PRODUCT SPECIFICATION

Single Phase up to 240v, 50/60Hz ac
Class II Appliance, Ingress Protection IP54
For use indoors or under a shelter only.
Power cord: 5m | Certified ambient: -20°C to 40°C
Chemically resistant silicone coated glass cloth outer, high density fibreglass insulation.

Hazardous Area Certification:
Standards: EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-31:2014
CML13ATEX3018X, IECEx CML 14.0020X, CML 21UKEX3412X Ⓔx II 2 G D Ex eb IIC T3 Gb Ex tb IIIC T200°C Db
(Zones 1, 2, 21 and 22)

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Inteliheat Flexiplus Custom (IHF-C/S/T^{x})

- Bespoke service for non-standard containers, IBCs, vessels, pipes, valves, surfaces, cylinders, equipment, etc.
- Suitable for virtually any size and specification.
- All jackets designed and manufactured to short lead-times.
- 'Form & Fit' service available for more complex shapes.
- All designs fitted with ATEX/IECEx digital wall-mounted temperature controllers (with optional roving EX-rated controller stands available).
- Indoor / outdoor design options.
- Multiple attachment / fixing types.
- Suitable for use in hazardous gas and dust areas (zones 1, 2, 21 & 22).
- Temperature classifications down to T4.



PRODUCT SPECIFICATION

Single Phase up to 240v, 50/60Hz ac
Class II Appliance, Ingress Protection IP54
For use indoors or under a shelter. Weatherproof PVC cover may be added to custom designs to allow outdoor use.
Power cord: 5m | Certified ambient: -20°C to 40°C (with lower ambient certifications available for large projects).
Chemically resistant silicone coated glass cloth outer, high density fibreglass insulation.

Hazardous Area Certification:
Standards: EN IEC 60079-0:2018, EN IEC 60079-7:2015+A1:2018, EN 60079-31:2014
CML13ATEX3018X, CML 21UKEX3412X Ⓔx II 2 G D Ex eb IIC T^{x} Gb Ex tb IIIC T^{x} °C Db (Zones 1, 2, 21 and 22)

^{X} T rating dependent on design

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