

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 thermostat-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.



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

* size of heating jacket

- 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. (Not possible to retrofit.)



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

** 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 frame plastic liner IBCs.

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 | Ambient: -20°C to 40°C

Chemically resistant silicone coated glass cloth outer, high density fibreglass insulation

Hazardous Area Certification:

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

CML13ATEX3018X Ex II 2 G D Ex e IIC T4 Gb Ex tb IIC T135°C Db (Zones 1, 2, 21 and 22)

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

* size of heating jacket

- Ideal for faster heating to higher temperatures.
- Fitted with adjustable thermostat as standard.
- Jackets only to be used with standard sized containers, 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



** 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 frame plastic liner IBCs. Other styles / sizes of IBC can be catered for with our custom heating jackets (see overleaf).

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 | Ambient: -20°C to 40°C

Chemically resistant silicone coated glass cloth outer, high density fibreglass insulation

Hazardous Area Certification:

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, 2, 21 and 22)

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

- Bespoke service for non-standard containers, vessels, pipes, valves, surfaces, equipment, etc.
- Suitable for virtually any size and specifications.
- All jackets designed and manufactured to short lead-times.
- All designs fitted with ATEX digital temperature controller.
- Indoor / outdoor styles available.
- Suitable for use in hazardous gas and dust areas (zones 1, 2, 21 & 22).
- T3 and T4 temperature classifications.



PRODUCT SPECIFICATION

Single Phase up to 240v, 50/60Hz ac

Class II Appliance, Ingress Protection IP54

For use indoors or under a shelter. PVC cover may be added to custom designs to allow outdoor use.

Power cord: 5m | Ambient: -20°C to 40°C

Chemically resistant silicone coated glass cloth outer, high density fibreglass insulation

Hazardous Area Certification:

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

CML13ATEX3018X Ex II 2 G D Ex e IIC T^x Gb Ex tb IIC T^x °C Db (Zones 1, 2, 21 and 22)

^x T rating dependent on design