

InteliHeat™ Hazardous Location Heating Jackets



**ETL Approved For Hazardous Locations
Meets UL And CSA Standards**



Tried and tested all over the world, our range of Flexible Heating Jackets simply wrap around the vessel, clip together and heat the contents to the required temperature.

- Products available for use in Class I Zone 1 & 2 and Division 2 locations.
- High power and freeze protection.
- High-grade thermal insulation to reduce heat-loss and increase efficiency while providing protection for the operator.
- Fitted with adjustable retaining straps and quick release buckles.
- Ideal for wide variety of plastic, fiber and metal containers – drums, tubs, buckets, kegs, carboys, totes, IBCs, etc.
- Delivers even heat over a large surface area, minimizing the possibilities of damaging the product.
- Fit and forget – no regular maintenance required.
- Safe to use 24/7.
- Available in custom sizes.



InteliHeat offers a wide range of products suitable for Class I Zone 1, Class I Zone 2 and Class I Division 2 areas. Different powers, temperatures and thermostat options are available to fit almost any application.

InteliHeat CID2 Standard Inventory

We offer three styles of Flexible Heating Jacket for standard sizes - 5Gal (25L) up to 55Gal (205L) drums and gas cylinders: Standard, HiHeat and High Power.

All products are fitted with a secondary over temperature safety thermostat. Waterproof options available for outdoor use. Other temperatures and powers available to order with short lead times.



The *Standard CID2* range

- Ideal for gently warming and to avoid winter freezing.
- Typically maintains materials around 95°F (35°C).
- Fixed internal thermostat: 122°F (50°C).
- Polyurethane coated black nylon used on both sides of the jacket (inner and outer) to ensure maximum wear resistance.



The *HiHeat CID2* range

- Provides a boost in power for applications needing a faster heat-rate.
- Black nylon fabric outer layer.
- High-temperature silicone-coated glass-cloth inner layer.



The *High Power CID2* range

- Maximum power to reach highest temperatures.
- Ideal for melting solids.
- Typically maintains materials around 158°F (70°C).
- Fixed internal thermostat: 194°F (90°C) - Higher temperatures available on request.
- Chemically resistant silicon-coated glass-cloth used on both sides of the jacket to extend product life in demanding applications.



IBC / Tote C1D2 Heating Jackets – 275 and 330Gal (1000 and 1200L)

Single-circuit 'IBC1 CID2' model

- Ideal for gently warming, to reduce viscosity and avoid winter freezing.
- Will typically maintain materials around 77°F (25°C).
- Cost effective alternative when the faster heating times are not required.
- Fixed internal thermostat: 122°F (50°C).
- Secondary over temperature safety thermostat.
- Fits both 275G and 330G totes. Specific lids are available for each size to reduce heat-loss to a minimum.
- Heavy-duty waterproof cover can be used for protection when used permanently outdoors.



Dual-circuit 'IBC2 CID2' model

- Ideal for customers requiring liquids to be heated as rapidly and evenly as possible.
- Typically maintains materials around 140°F (60°C).
- Two high power heating circuits enable the top and bottom of each jacket to be separately controlled with integrated thermostats.
- Super high power 'IBC3' can also be supplied for appropriate materials.



Custom Size CID2 Flexible Heating Jackets

- Bespoke service for non-standard containers, vessels, pipes, valves, equipment, etc.
- Suitable for virtually any size and specifications.
- All jackets designed and manufactured to short lead-times.
- Indoor / outdoor styles.

Class 1 Division 2 Inventory

Vessel Type	Adjustable Circumference	Jacket Height	Product Reference	Power	Thermostat
5 Gal (25L)	34¼"-40" (870-1020 mm)	15¾" (400 mm)	HJNA/A/D2	250w	Fixed 122°F(50°C)
			HPNA/A/D2	500w	Fixed 194°F (90°C)
15 Gal (50L)	43½"-49¼" (1100-1250 mm)	18" (460 mm)	HJNA/B/D2	300w	Fixed 122°F(50°C)
			HPNA/B/D2	700w	Fixed 194°F (90°C)
30 Gal (100L)	59"-65" (1400-1650 mm)	17½" (440 mm)	HJNA/C/D2	450w	Fixed 122°F(50°C)
		23¾" (600 mm)	HPNA/C/D2	1150w	Fixed 194°F (90°C)
55 Gal (205L)	71"-76¾" (1800-1950 mm)	17½" (440 mm)	HJNA/D/D2	600w	Fixed 122°F(50°C)
		33½" (850 mm)	HHNA/D/D2	1200w	Fixed 194°F (90°C)
			HPNA/D2/D2	2x1300w	Fixed 194°F (90°C)
275Gal (1000L) / 330 Gal (1200L)*	160"-169½" (4060-4310 mm)	37½" (950 mm)	HHNA/IBC1/D2	1550w	Fixed 122°F(50°C)
			HHNA/IBC2/D2	2x1550w	Fixed 194°F (90°C)
			HHNA/IBC3	3x1300w	Fixed 194°F (90°C)
Gas Cylinder (suitable for 150A, 200, 300, A, K 75lb)	27"-32½" (680 – 830mm) Diameter 8"- 9.25" (200- 235mm)	48" (1060mm) - includes 6" (150mm) adjustable collar	HJNA/G/D2	500w	Fixed 122°F(50°C)
			HHNA/G/D2	800w	Fixed 158°F(70°C)

HJ = Standard, HH = HiHeat, HP = High Power

*275/330 Gallon IBC Heating Jacket available with different height insulated lids

CID2 PRODUCT SPECIFICATIONS

Voltage: 120v, optional 240v

Cord length: 16ft (5m)

Double insulated product

-S Usage marking and area of use weather resistance

Ambient : -40°F to 104°F (-40°C to 40°C) - Lower temperature versions available

Listed, ETL Control Number: 5001878

Conforms to ANSI/UL Std. 499, ISA Std. 12.12.01. Cert to CAN/CSA Std.C22.2 No.130-03

Class I Division 2, Groups ABCD, T3. Class I Zone 2, IIC, T3.

Class II Division 2, Groups EFG, T3. Class II Zone 22, IIIB, T3. Class III Division 1 and 2, T3

T4 rating available on request

InteliHeat FlexiPlus Zone 1 Standard Inventory

With standard sizes to fit 5Gal(25L) to 330Gal(1200L) containers as well as gas cylinders, these jackets are ideal for gentle warming and to avoid winter freezing. A unique self limiting design ensure safe operating conditions are maintained even in the presence of hazardous gasses and dusts without the need for a thermostat.

A self limiting temperature will be maintained on the container wall (see individual product specifications for more details).

Thermostats are available to reduce the temperature if required.



InteliHeat FlexiPlus Zone 1 High Power and Custom Heating Jackets

High Power Class I Zone 1 heating jackets are available to heat containers to higher temperatures than possible with standard products.

All designs fitted with adjustable thermostats with temperatures up to 250°F (121°C).

Custom designs to fit virtually any size and shape.

All Jackets manufactured with short lead times.

InteliHeat FlexiPlus Zone 1 Standard Inventory

Vessel Type	Adjustable Circumference	Jacket Height	Product Reference	Power	Self limiting temperature* above ambient temperature
5 Gal (25L)	34¼"-40" (870-1020 mm)	15¾" (400 mm)	IHFNA/A/Z1	75w	104°F(40°C)
15 Gal (50L)	43½"-49¼" (1100-1250 mm)	18" (460 mm)	IHFNA/B/Z1	130w	104°F(40°C)
30 Gal (100L)	59"-65" (1400-1650 mm)	17½" (440 mm)	IHFNA/C/Z1	150w	104°F(40°C)
55 Gal (205L)	71"-76¾" (1800-1950 mm)	33½" (850 mm)	IHFNA/D/Z1	500w	122°F(50°C)
275Gal (1000L) / 330 Gal (1200L)**	160"-169½" (4060-4310 mm)	37½" (950 mm)	IHFNA/IBC/Z1	1000w	68°F(20°C)
Gas Cylinder (suitable for 150A, 200, 300, A, K 75lb)	27"-32½" (680 – 830mm) Diameter 8"- 9.25" (200- 235mm)	48" (1060mm)	IHFNA/G/Z1	90w	86°F(30°C)

*InteliHeat Flexiplus Zone 1 standard products are able to maintain a set temperature above the ambient temperature. Eg. The 5Gal heating jacket will heat to 40°C(104°F) above the ambient when operated at 240V. With a 20°C(68°F) ambient temperature, the container wall temperature will be around 60°C(140°F).

** 275Gal(1000L) / 330Gal(1200L) Zone 1 standard heating jacket only for use with metal frame plastic liner IBCs, other types of tote should use a high power / custom heating jacket. One heating jacket size to fit both size totes, specific insulated lids are available to fit each size of tote.

Note: Standard Inventory products for indoor use or outdoor under shelter only. High power and custom available for outdoor use if used with manufacturer supplied waterproof cover.

InteliHeat FlexiPlus Zone 1 High Power Inventory

Vessel Type	Adjustable Circumference	Jacket Height	Product Reference	Power	Thermostat
55 Gal (205L)	71"-76¾" (1800-1950 mm)	33½" (850 mm)	High Power IHFNA/D/Z1	1200W	Adjustable 32-250°F (0-121°C). For Heating material contents to 140-158°F (60-70°C)
275Gal (1000L) / 330 Gal (1200L)*	160"-169½" (4060-4310 mm)	37½" (950 mm)	High Power IHFNA/IBC/Z1	2000w	Adjustable 32-250°F (0-121°C). For Heating material contents to 140-158°F (60-70°C)

* One heating jacket size to fit both size totes, specific insulated lids are available to fit each size of tote.

Note: High Power and custom suitable for outdoor use if fitted with a manufacturer supplied weatherproof cover.

Many Other Sizes Also Available – Please Ask For More Details

Zone 1 PRODUCT SPECIFICATIONS

Voltage 240v standard, 120v available on High Power / Custom products

Cord length: 16ft (5m)

Double insulated product

-S Usage marking and area of use for weather resistance

Ambient: -40°F to 104°F (-40°C to 40°C) - Lower temperature versions available

Listed, ETL Control Number: 5001878

Conforms to UL Std. 60079-0, UL Std. 60079-7ANSI/UL Std. 499

Cert to CAN/CSA Std. C22.2 No. 60079-0, CAN/CSA Std. C22.2 No. 60079-7, CAN/CSA Std.C22.2 No.130-03

AEx e IIB+H2 T3 Gb, Ex e IIIB+H2 T3 Gb

Class I Zone I, IIC, T3. Class II Division 2 Groups EFG T3

T4 rating available on request

www.inteliheat.com

INTELIHEAT

Industrial Heating Technology
for drums IBCs totes & containers



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Other Products Also Available From Inventory

INTELIHEAT THERMULATE:
Approved to UL&CSA
standards for use in
ordinary locations



Water-Proof Covers



Insulation-Only Jackets



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