

It Will Get Cold.

Protect Your Equipment.

Maintain Your Processes.

Keep Your Business Running.



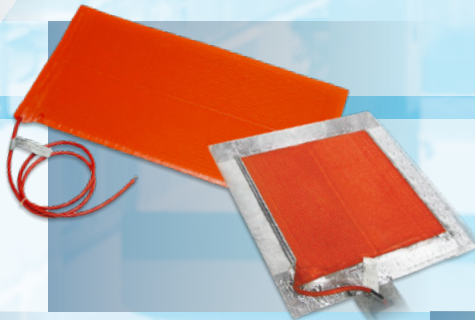
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BriskHeat®



SLCAB Self-Regulating Heating Cable

Features & Benefits

- Ideal for freeze protection and low-temperature process maintenance up to 150°F (65°C)
- Automatically adjusts heat output based on surface and ambient temperatures
- Safe to overlap and insulate
- Moisture, chemical, and flame resistant
- Can be cut-to-length and terminated in the field

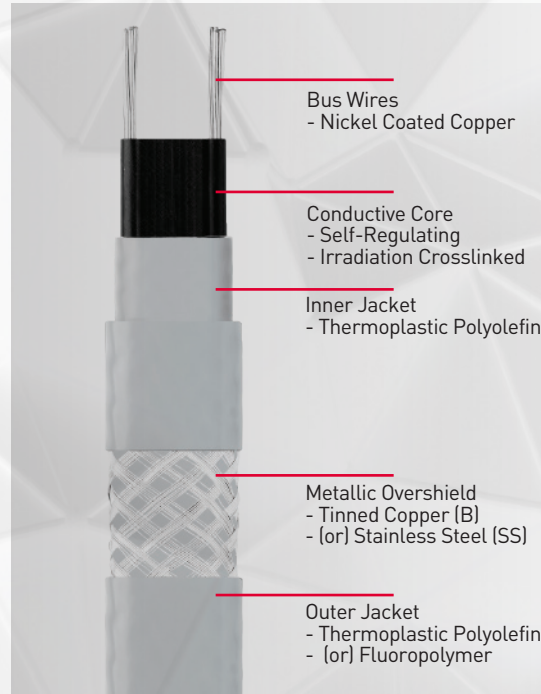
Specifications

Intermittent Exposure Temperature Range:

-20°F to 185°F (-29°C to 85°C)

Supply Voltage: 110-120 VAC or 208-277 VAC**Nominal Power Output at 50°F (10°C):**

3, 5, 8, 10 watts/ft (10, 16, 26, 33 watts/m)

Bend Radius: 0.5 in (12 mm)

10
YEAR
LIMITED
WARRANTY

Part Number Matrix

Example: **SLCAB3120BF** or **BF1**

Product Series	Watts/ft	Voltage	Outer Layer	Class I, Division 1 Cable
SLCAB	3 5 8 10	120 (110-120 VAC) 240 (208-277 VAC)	B (Tinned Copper Metal Braid) BP (Tinned Copper Metal Braid w/Thermoplastic Polyolefin) BF (Tinned Copper Metal Braid w/Fluoropolymer Overjacket) SS (Stainless Steel Metal Braid)	BF1 (Tinned Copper Metal Braid w/Fluoropolymer Overjacket) <i>CI/D1 approval for BF1 only. Contact a BriskHeat representative for information on Division I hazardous location systems.</i>

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

See BriskHeat Catalog 15 for more information.

Accessories

Part No.	Kit	Approval
SLCABUC	Universal Connection	Ordinary & CID2 (FM)
SLCABSK	Splice Kit	Ordinary & CID2 (FM)
SLCABKC	End Seal	Ordinary & CID2 (FM)
MLKCAB120	Monitor Light	CID2 (FM)
JBH075	7-hub Junction Box	CID1 & 2 (UL, CSA)
SLCABUC1	CID1 Universal Connection	CID1 (FM)
SLCABKC1	CID1 End Termination	CID1 (FM)
SLCABUC-CSA-M	CSA Universal Connection	CID1 & 2 (CSA)
S-CABEND-CSA-2	CSA End Seal	CID1 & 2 (CSA)
SLCABUC-EU	ATEX Connection/End Termination	ATEX



Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 2, Groups F, G
Class III, Groups F, G
3, 5, 8 watts/ft T6
10 watts/ft T5



Ordinary Locations 2E, 3 (A, B, C), 5 (A, B)
Hazardous (Classified) Locations
Class I, Division 1 and 2, Groups B, C, D
Class II, Division 2, Groups E, F, G
Class III, Division 1 and 2
T4



Hazardous Locations
II 2GD Gb
Ex e IIC T**
Ex tb IIIC T**°C Db
**3, 5, 8 watts/ft T5/T85°C
**10 watts/ft T4/T100°C



Hazardous Locations
Ex e IIC T** II 2 Gb
Ex tb IIIC T**°C Db
**3, 5, 8 watts/ft T5/T85°C
**10 watts/ft T4/T100°C

SLCBL Self-Regulating Heating Cable

Features & Benefits

- Ideal for freeze protection, roof and gutter de-icing, snow melting systems, and low temperature process maintenance up to 150°F (65°C)
- Automatically adjusts heat output based on surface temperature
- Safe to overlap and insulate
- Moisture, chemical, and flame resistant
- Can be cut-to-length and terminated in the field

Specifications

Intermittent Exposure Temperature Range:

-40°F to 185°F (-40°C to 85°C)

Supply Voltage: 110-120 VAC or 208-277 VAC

Nominal Power Output at 50°F (10°C):

3, 5, 8, 10, 12 watts/ft (10, 16, 26, 33, 39 watts/m)

T-Rating:

- **T6:** 3, 5, 8, 10 watts/ft (10, 16, 26, 33 watts/m)

- **T5:** 12 watts/ft (39 watts/m)

Bend Radius: 0.5 in (12 mm)

Part Number Matrix

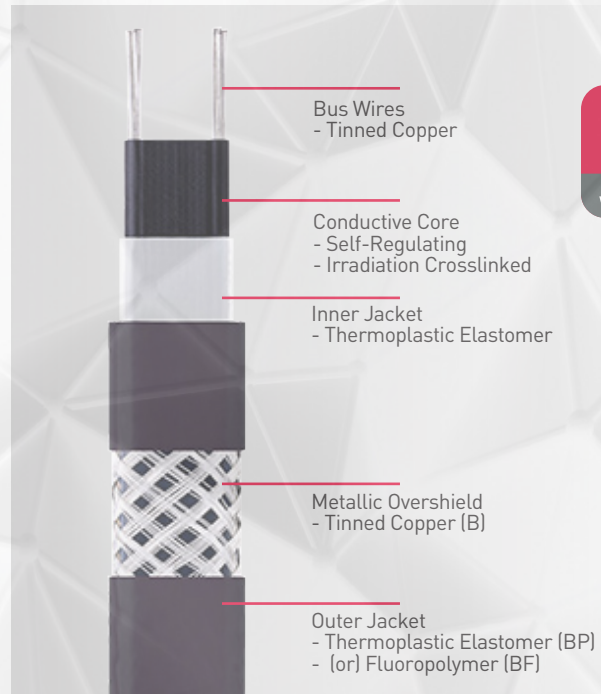
Example: **SLCBL3120BF**

Product Series	Watts/ft	Voltage	Outer Layer
SLCBL	3	120 (110 - 120 VAC)	B (Tinned Copper Metal Braid)
	5		
	8	240 (208 - 277 VAC)	BP (Tinned Copper Metal Braid w/ Thermoplastic Elastomer Overjacket)
	10		BF (Tinned Copper Metal Braid w/ Fluoropolymer Overjacket)
	12		

Approvals valid only when used with appropriate heating cable and installation accessories, and installed in accordance with all applicable instructions, codes, and regulations.

See BriskHeat Catalog 15 for more information.

NOTE:
Electrical equipment T-Rating codes define the maximum surface temperature that equipment will reach. It is used in hazardous (classified) area applications.



10 YEAR
LIMITED WARRANTY

Accessories

Part No.	Kit	Approval
SLCBLUC	Power Connection Kit	Ordinary (cULus)
SLCABLUC-GF	Ground Fault Power Connection Kit	Ordinary (cULus)
PTBS-GET	Power Connection Kit w/ Multiple Entry Square Junction Box	CID2 (CSA)
JHE-GET	Low-Profile End Seal Kit	CID2 (CSA)
JHS-GET	Low-Profile Splice Connection Kit	CID2 (CSA)
JHT-GET	Low-Profile Tee Connection Kit	CID2 (CSA)

*CSA approval not applicable with non-CSA cable.



JHE-GET

Low-Profile End Seal Kit



JHT-GET

Low-Profile Tee Connection Kit



PTBS-GET

Power Connection Kit with Multiple Entry Junction Box



Ordinary Locations
-B, -BP Series Only
Industrial & Commercial Pipe Heating
-BP Series only
Embedded de-icing and snow melting systems
-BP Series only



Ordinary Locations
Hazardous (Classified) Locations
Class I, Division 2, Groups A, B, C, D
Class II, Division 2, Groups E, F, G
Class III
T5

SpeedTrace & SpeedTrace Extreme

Pre-Assembled Self-Regulating Heating Cable

Features & Benefits

- Ideal for freeze protection, metal or plastic pipe thawing, and indoor/outdoor valves
- Pre-assembled with choice of plug
- Easy-to-install and safe to overlap and insulate
- Automatically adjusts heat output based on surface and ambient temperature
- Suitable for temperatures down to -40°F (-40°C)

Specifications

Supply Voltage:

110-120 VAC; 208-277 VAC watts at 50°F (10°C)

- **SpeedTrace:** 5 watts/ft (16 watts/m)- **SpeedTraceCE:** 5 watts/ft (17 watts/m)- **SpeedTrace Extreme:** 8 watts/ft (26 watts/m)**Maximum Exposure Temperature:** 150°F (65°C)**Outer Jacket Material:** Moisture and flame resistant thermoplastic elastomer**Bus Wire Gauge:** 16 AWG**Power Cord:**- **110-120 VAC:** 6 ft (1.8 m) long with 3-prong grounded NEMA 5-15P plug- **208-277 VAC (SpeedTrace & SpeedTrace Extreme):** 2.5 ft (0.76 m) long with bare wire leads- **230 VAC (SpeedTraceCE):** 2.5 ft (0.76 m) long with Schuko (CEE 7/7) plugSpeedTrace
& SpeedTrace
Extreme Series

SpeedTraceCE Series

**SpeedTrace
Roof & Gutter Kits
are also available.**

Ordering Information

SpeedTrace5 watts/ft @ 50°F
(16 watts/m @ 10°C)

Part No. 110-120 V	Part No. 208-277 V	Length ft (m)
FFSL1-6	FFSL2-6	6 (1.8)
FFSL1-12	FFSL2-12	12 (3.7)
FFSL1-18	FFSL2-18	18 (5.5)
FFSL1-24	FFSL2-24	24 (7.3)
FFSL1-37	FFSL2-37	37 (11.3)
FFSL1-50	FFSL2-50	50 (15.2)
FFSL1-62	FFSL2-62	62 (18.9)
FFSL1-75	FFSL2-75	75 (22.8)
FFSL1-87	FFSL2-87	87 (26.5)
FFSL1-100	FFSL2-100	100 (30.5)
FFSL1-125	FFSL2-125	125 (38.1)
FFSL1-150	FFSL2-150	150 (45.7)

SpeedTraceCE5 watts/ft @ 50°F
(17 watts/m @ 10°C)

Part No. 230 V	Length ft (m)
FFSLE2-2M	6.6 (2)
FFSLE2-4M	13.1 (4)
FFSLE2-8M	26.2 (8)
FFSLE2-16M	52.5 (16)

SpeedTrace Extreme8 watts/ft @ 50°F
(26 watts/m @ 10°C)

Part No. 110-120 V	Part No. 208-277 V	Length ft (m)
FFSL81-6	FFSL82-6	6 (1.8)
FFSL81-12	FFSL82-12	12 (3.7)
FFSL81-18	FFSL82-18	18 (5.5)
FFSL81-24	FFSL82-24	24 (7.3)
FFSL81-50	FFSL82-50	50 (15.2)
FFSL81-75	FFSL82-75	75 (22.8)
FFSL81-100	FFSL82-100	100 (30.5)

**60% MORE
WATTAGE**

INSUL-LOCK® Flexible Closed Cell Pipe Insulation

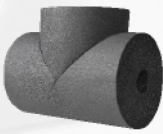
Features & Benefits

- Environmentally-friendly, CFC-free, flexible elastomeric thermal insulation
- Double seal reduces air infiltration
- Non-porous, fiber-free, and resistant to mold growth
- Compatible with heating cable and tapes
- Temperature range of -40°F to 220°F (-40°C to 104°C)

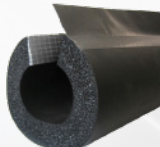
90° Elbows



Tees



Straight Sections 1.8 m (6 ft) long



NOTE: ** Pipe/Tube Outside Diameters are listed as "Recommended"

90° Elbow Part No.	Pipe/Tube O.D. in **	I.D. in	Pipe/Tube O.D. mm**	I.D. mm
INSUL78	0.5-0.625	0.875	13-16	22
INSUL118	0.75-0.875	1.125	19-22	29
INSUL138	1	1.375	25	35
INSUL158	1.125	1.625	29	41
INSUL2T	1.375	2	35	51
INSUL218	1.625	2.125	41	54
INSUL238	2	2.375	51	60
INSUL258	2.125	2.625	54	67
INSUL278	2.375	2.875	60	73
INSUL318	2.625	3.125	67	79
INSUL312	2.875	3.5	73	89
INSUL358	3.125	3.625	79	92
INSUL418	3.5	4.125	89	105
INSUL412	4	4.5	102	114
INSUL558	5	5.625	127	143
INSUL658	6	6.625	152	168

Straight Section Part No.	Pipe/Tube O.D. in**	I.D. in	Pipe/Tube O.D. mm**	I.D. mm
INSUL7890	0.5 - 0.625	0.875	13 - 16	22
INSUL11890	0.75 - 0.875	1.125	19 - 22	29
INSUL13890	1	1.375	25	35
INSUL15890	1.125	1.625	29	41
INSUL290	1.375	2	35	51
INSUL21890	1.625	2.125	41	54
INSUL23890	2	2.375	51	60
INSUL25890	2.125	2.625	54	67
INSUL27890	2.375	2.875	60	73
INSUL31890	2.625	3.125	67	79
INSUL31290	2.875	3.5	73	89
INSUL35890	3.125	3.625	79	92
INSUL41890	3.5	4.125	89	105
INSUL41290	4	4.5	102	114
INSUL55890	5	5.625	127	143
INSUL65890	6	6.625	152	168



NOTE: I.D. = Inside Diameter, O.D. = Outside Diameter

Tee Part No.	Pipe/Tube O.D. in **	I.D. in	Pipe/Tube O.D. mm**	I.D. mm
INSUL78T	0.5-0.625	0.875	13-16	22
INSUL118T	0.75-0.875	1.125	19-22	29
INSUL138T	1	1.375	25	35
INSUL158T	1.125	1.625	29	41
INSUL2T	1.375	2	35	51
INSUL218T	1.625	2.125	41	54
INSUL238T	2	2.375	51	60
INSUL258T	2.125	2.625	54	67
INSUL278T	2.375	2.875	60	73
INSUL318T	2.625	3.125	67	79
INSUL312T	2.875	3.5	73	89
INSUL358T	3.125	3.625	79	92
INSUL418T	3.5	4.125	89	105
INSUL412T	4	4.5	102	114
INSUL558T	5	5.625	127	143
INSUL658T	6	6.625	152	168



Part No.	Description
RTV3.0	Silicone adhesive sealant used to seal 90° elbows and tees; 3 oz (89 ml)

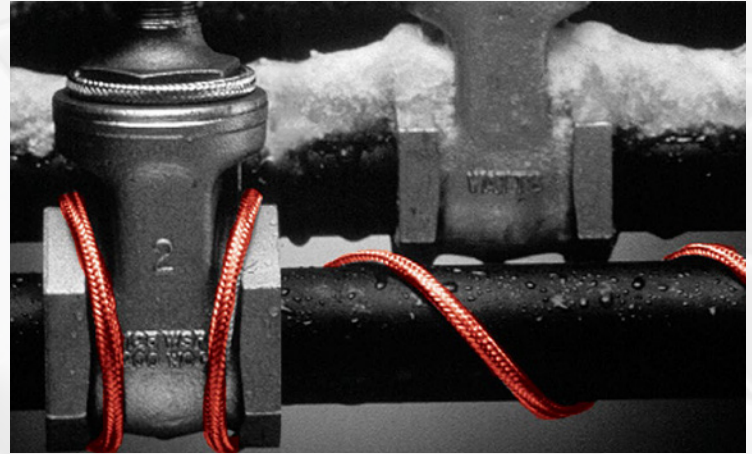
Constant-Wattage Heating Cable

Features & Benefits

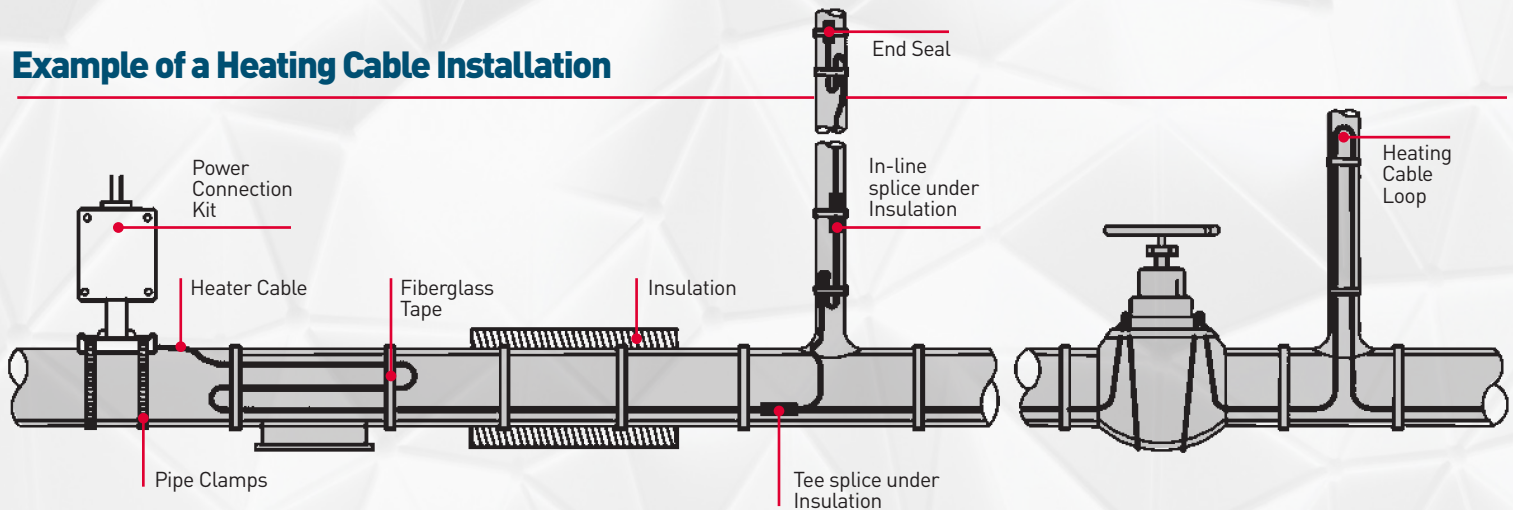
- Precise and constant temperatures
- Temperatures up to 500°F (260°C)
- Ideal for long runs
- Can be cut-to-length at job site
- Tension wrapping holds resistance wire in place, even under extreme bending

Applications

- >> Process Maintenance
- >> Viscosity Control
- >> Low to High Temperature Control
- >> Freeze Protection
- >> Ordinary Locations
- >> Hazardous Locations



Example of a Heating Cable Installation



Ordering Information

Constant Wattage Heating Cables	FE Series	KE Series	KM Series	KK Series
Maximum Exposure Temperature	400°F (204°C)	500°F (260°C)	500°F (260°C)	500°F (260°C)
Outer Jacket	FEP Extruded Jacket w/ Tinned Copper Overbraid	PFA Extruded Jacket	Polymide Film w/Tinned Copper Overbraid	Polymide Film w/Tinned Copper Overbraid
Available Voltages	120, 208, 240, 277, 480 VAC	120, 208, 240, 277, 480 VAC	120, 208, 240, 277, 480 VAC	120, 208, 240, 277, 480 VAC
Available Wattages	3, 5, 8, & 12 watts/ft (10, 16, 26, & 39 watts/m)	4, 8, & 12 watts/ft (13, 26, & 39 watts/m)	4, 8 & 12 watts/ft (13, 26, & 39 watts/m)	4, 8, 12, & 18 watts/ft (13, 26, 39, & 59 watts/m)
Water Resistance	Poor	Excellent	Good	Good
Chemical Resistance	Poor	Excellent	Good	Good
Flame Resistance	Outstanding	Excellent	Outstanding	Excellent
Radiation Resistance	Fair to good	Fair to good	Good	Outstanding flexibility after exposure to 10° RADS



Drum Immersion Heaters

Features & Benefits

- Maximum thermal efficiency for faster heat-up rate compared to standard full-coverage heaters
- Screws directly into top of drum for easy installation
- Adjustable control
- Can be used with metal or poly drums
- For use with non-acidic materials

Specifications

Flange Connection Type: 2 in (51 mm) NPS bushing included

Immersion Length: 32 in (813 mm) with bottom 12 in (305 mm) heated

Temperature Range: Up to 167°F (75°C)

Heater Construction: Incoloy 840

Ordering Information

Part No.	Voltage	Temperature Display Units	Wattage	Drum Size Gal (l)
DHI120	120	°F	1000	55 (208)
DHI240	240	°F	1000	55 (208)
DHI240C	240	°C	1000	55 (208)

Other sizes and styles of immersion heaters are available upon request.



Top view of Heater Control Panel

HotBelt™ Wraparound Refrigerant Jug Warmer

Features & Benefits

- Adjustable design with hook & loop strap fits common size cylinders: 30 lb, 50 lb, and 125 lb (13 kg, 23 kg, and 57 kg)
- Designed to heat the tank surface to 120°F (49°C)
- Moisture and chemical resistant — IP56
- Preheats and keeps refrigerant jug cylinders warm when servicing HVACR systems in cold weather
- Easy-to-use with simple plug-and-play design

Specifications

Heater Width: 6 in (152 mm)

Length: 26 in (660 mm)

Thermostat: Preset to 158°F (70°C) and the heater is designed to heat the surface of the tank to 120°F (49°C)

Exposure Temperature: -60°F to 450°F (-51°C to 232°C)

Power Density: 1.4 watts/in² (0.2 watts/cm²)

Closure Method: Adjustable strap

Cylinder Diameter Range: Minimum 9 in (229 mm)

*Variations in ambient temperature and material contents within the cylinder may affect actual surface temperature of the cylinder.



Ordering Information

Part No.	Voltage VAC	Plug Type	Total Watts
HB1001	120	NEMA 5-15P	200

Silicone Rubber Drum/Pail Heaters (Heavy & Extra Heavy-Duty)

Features & Benefits

- Exceptional durability and flexibility for a wide range of poly and metal drum/pail heating applications
- Adjustable thermostat with temperatures up to 160°F or 425°F (71°C or 218°C)
- Extra-wide 4 in (102 mm) surface coverage
- Moisture and chemical resistant — IP54
- Solves a wide range of drum and pail heating applications including viscosity control, freeze protection, temperature maintenance, and melting solids
- Expandable spring closure expands up to 3 in (76 mm)

NOTE: If precise temperature control is required for your application, please contact BriskHeat or your local distributor for application assistance and product solutions.

What is the difference between Heavy-Duty and Extra Heavy-Duty?

Heavy-Duty (DHCS/DPCS/DHLS series): Designed with two extra-thick layers of fiberglass reinforced silicone rubber for excellent strength and durability

Extra Heavy-Duty (DHCH/DPCH series): Designed with three extra-thick layers of fiberglass reinforced silicone rubber for ultimate strength and durability. The longest lasting and most durable silicone drum heater

Heaters should always be placed below fill level of container.



Models with bare wire leads



CSA /cURus models available upon request

Ordering Information

Heavy-Duty		Extra Heavy-Duty		Drum Size gal (l)	Drum Diameter in	Drum Diameter mm	Heater Length in (mm)	Drum Type	Adjustable Thermostat Range	Watt Density	Watts
Part No. 120 VAC	Part No. 240 VAC	Part No. 120 VAC	Part No. 240 VAC								
DHCS10	DHCS20A	DHCH10	DHCH20	3.5-7 (13-26)	11.1-12.1	282-307	35.0 (889)	Metal	Up to 425°F (218°C)	5.0 W/in ² (0.78 W/cm ²)	550
DHCS11	DHCS21A	DHCH11	DHCH21	15-16 (57-61)	14.0-15.0	355-381	44.0 (1118)				700
DHCS13	DHCS23A	DHCH13	DHCH23	30 (114)	18.6-19.6	472-498	58.5 (1486)				1000
DHCS15	DHCS25A	DHCH15	DHCH25	55 (200-208)	22.3-23.2	566-589	70.0 (1778)				1200
DHLS10	DHLS20A			3.5-7 (13-26)	11.1-12.1	282-307	35.0 (889)	Metal	Up to 160°F (71°C)	5.0 W/in ² (0.78 W/cm ²)	550
DHLS11	DHLS21A			15-16 (57-61)	14.0-15.0	355-381	44.0 (1118)				700
DHLS13	DHLS23A			30 (114)	18.6-19.6	472-498	58.5 (1486)				1000
DHLS15	DHLS25A			55 (200-208)	22.3-23.2	566-589	70.0 (1778)				1200
DPCS10	DPCS20A	DPCH10	DPCH20	3.5-7 (13-26)	11.1-12.1	282-307	35.0 (889)	Poly	Up to 160°F (71°C)	1.25 W /in ² (0.19 W/cm ²)	150
DPCS11	DPCS21A	DPCH11	DPCH21	15-16 (57-61)	14.0-15.0	355-381	44.0 (1118)				208
DPCS13	DPCS23A	DPCH13	DPCH23	30 (114)	18.6-19.6	472-498	58.5 (1486)				250
DPCS15	DPCS25A	DPCH15	DPCH25	55 (200-208)	22.3-23.2	566-589	70.0 (1778)				300

Accessories

Part No.	Description
10180	Replacement spring for BriskHeat® Silicone Rubber Drum Heaters



Standard Design: 120 volts includes NEMA 5-15 plug and 240 volt has bare wire leads. **See BriskHeat Catalog 15 for additional models.**

General-Purpose Full-Coverage Drum/Pail Heaters & Insulators

Features & Benefits

- Insulated to maximize energy efficiency and reduce heat-up time
- Heater has easy-to-program digital controller that is adjustable up to 160°F or 450°F (71°C or 232°C)
- For use in indoor/dry environments — IP4X
- 6 ft (1.8 m) long power cord with choice of plug or leads
- Even heat distribution and maximum energy efficiency
- Display is mounted on top of controller box for increased visibility and user convenience
- For use in a wide range of poly and metal drum/pail heating applications including viscosity control, freeze protection, temperature maintenance, melting of solids, and thermal mixing

Specifications

Outer Material: Silicone impregnated cloth

Insulation: 1.0 in (25 mm) thick fiberglass

Closure Method: Hook and loop fasteners

Maximum Exposure Temperature: 500°F (260°C)

Heater Specifications

Operating Temperature:

- 50°F to 450°F (10°C to 232°C) for Metal Drums

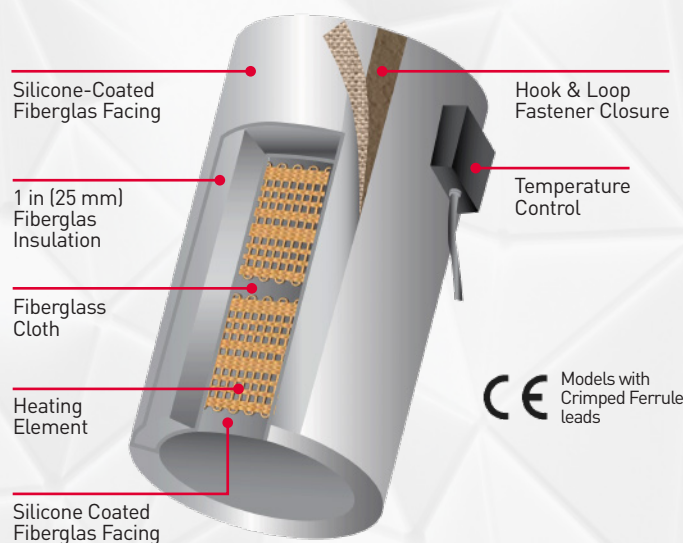
- 50°F to 160°F (10°C to 71°C) for Poly Drums

Heated Area:

- 55 and 30 Gallon size (208 and 114 Liter): Lower two thirds

- 15 and 5 Gallon size (61 and 19 Liter): Lower third

Heating Element: 360° grounded heating element for your safety



Ordering Information

General-Purpose (FGD Series) – for Metal & Poly Drums

Part No. 120 VAC with °F display and NEMA 5-15P plug	Part No. 240 VAC with °F display and NEMA 6-15P plug	Part No. 240 VAC with °C display and crimped ferrule leads	Part No. Insulator Only	Size Gal (L)	Diameter in (mm)	Height in (mm)	Number of Zones	Total Wattage
FGDHC55120DV	FGDHC55240DV	FGDHC55240DCV	FGDI55V	55 [208]	22.3 [566]	36.4 [924]	1	1600
FGDHC30120D	FGDHC30240D	FGDHC30240DC	FGDI30	30 [114]	18.6 [473]	29.5 [749]	1	1160
FGDHC15120D	FGDHC15240D	FGDHC15240DC	FGDI15	16 [61]	14.0 [355]	26.7 [678]	1	870
FGDHC5120D	FGDHC5240D	FGDHC5240DC		5 [19]	11.1 [282]	13.5 [343]	1	550
FGPDHC55120DV	FGPDHC55240DV	FGPDHC55240DCV		55 [208]	22.3 [566]	36.4 [924]	1	770
FGPDHC30120D				30 [114]	18.6 [473]	29.5 [749]	1	553
	FGDDC55240DV*			55 [208]	22.3 [566]	36.4 [924]	2	3200

***Designed to quickly melt materials like molasses, syrups, and other highly viscous materials.**

Wraparound Tote Tank/IBC Heaters & Insulators

Features & Benefits

- Insulated, full-coverage design
- Adjustable analog thermostat control up to 160°F (71°C)
- Two separate heat zones allow users to adjust heater output as content levels decrease
- Built-in high limit safety thermostat set at 195°F (91°C)
- Adjustable buckles allow heater to fit several sizes of caged, plastic, and metal tote tanks/IBCs
- Even heat distribution and maximum energy efficiency



Controls temperature easily with adjustable thermostats



Mouse hole provides easy access to spigot



Image above shown with optional top cover (sold separately).



Fits several tote tank sizes with adjustable nylon straps and buckles

Ordering Information

Part No. 120 VAC with NEMA 5-15P Plug	240 VAC with NEMA 6-15P Plug	Height in (mm)	Capacity gal (l)	Tank Perimeter Minimum in (mm)	Tank Perimeter Maximum in (mm)	Total Wattage
TOTE361-ADJV	TOTE362-ADJV	36 (914)	175-250 (640-950)	160 (4060)	192 (4880)	1440
TOTE421-ADJV	TOTE422-ADJV	42 (1067)	275 (1000)	160 (4060)	192 (4880)	1440
TOTE481-ADJV	TOTE482-ADJV	48 (1220)	330 (1250)	160 (4060)	192 (4880)	1440

Accessories

Part No.	Description
TOTE-TOPV	Insulated top cover, minimizes heat loss
FGDC55V	Drum insulation cover for 55 gal (208l)
FGDHSTRIPV	6 in (152 mm) wide strip that expands heater to fit up to a 24.2 in (615 mm) diameter drum. Strip is necessary for heater to fit around drums with removable lids



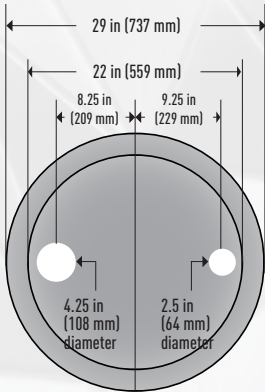
Optional Tote Tank Insulating Cover



FGDC55V Drum Insulating Covers



FGDHSTRIPV Expansion Strip



Custom sizes and designs available. Contact BriskHeat® or your local distributor for more information.

Silicone Rubber Tote Tank/IBC Heater & Control

Features & Benefits

- Installs underneath plastic bladder with direct surface contact
- Optional digital controller
- Does not contaminate product
- Rugged, reusable design for long service life
- 32 x 36 in (813 x 914 mm) heater with 0.25 in (6.35 mm) insulation

Specifications

Operating Temperature: 0°F to 175°F (-18°C to 79°C)

Maximum Exposure Temperature: 180°F (82°C)

Heating Element: 360° grounded heating element

Ordering Information

Part No. with °F Control	Part No. with °C Control	Part No. without Control	Volts	Watts
TTH32361DK	TTH32361DK-C	TTH32361D	120	1600
TTH32362DK	TTH32362DK-C	TTH32362D	240	3200



Includes an outdoor digital temperature controller.



Hazardous-Area Rated Silicone Rubber Drum Heater

Features & Benefits

- FM Approved for Class I & II, Division 2 environments
- High-limit thermostat designed to keep heater below NEC Article 500 T-rating
- Dual setpoint NEMA 7 temperature controller connected to a high-temperature limit indicator light
- Extra-wide 8 in (203 mm) surface coverage
- Intrinsically safe and can be used in hazardous environments

Specifications

Power Density: 2.50 watts/in² (0.39 watts/cm²)

Voltage Options: 120 VAC or 240 VAC

High-Limit Thermostat:

- T3 model: 292°F (144°C)

- T4A model: 158°F (70°C)

Ordering Information

Part No. 120 VAC NEMA 5-15P plug	Part No. 240 VAC bare wire leads	Size Gal (L)	Diameter in (mm)	Total Wattage	Length in (mm)	Width in (mm)	T-Rating	High-Limit Thermostat Temperature °F (°C)
DHCX13100T3	DHCX23100T3	30 (114)	18.6 (473)	1000	58.5 (1486)	8 (203)	T3	292 (144)
DHCX13100T4A	DHCX23100T4A						T4A	158 (70)
DHCX151300T3	DHCX251300T3	55 (208)	22.3 (566)	1300	70.0 (1778)	8 (203)	T3	292 (144)
DHCX151300T4A	DHCX251300T4A						T4A	158 (70)

FM
APPROVED
Hazardous Locations
Class I, Division 2,
Groups A*, B, C, D
Class II, Division 2,
Groups F, G

cULUS
Up to 392°F
(200°C)



DHCX Series: With NEMA 7 controller and pilot light indicator. Includes 6 ft (1.8 m) long power cord with an explosion proof NEMA 5-15P (120 VAC) or NEMA 6-15P plug (240 VAC)

***Group A approval valid only for heater without controller. Order DHNX model for heater only.**

XtremeFLEX® Silicone Rubber Heating Tapes

with Adjustable Thermostat Control

Features & Benefits

- Adjustable thermostat control with choice of two temperature ranges: Up to 160°F and 425°F (71°C and 218°C)
- Can wrap around and heat a wide range of objects, including valves, pipes, bearings, pumps, gas tubing, filter housings, actuators, and more

Ordering Information

Part No. 120 VAC	Part No. 240 VAC	Width in (mm)	Length ft (m)	Total Watts	Temperature Range
HSTAT101006	HSTAT102006	1.0 (25)	6 (1.8)	432	Up to 425°F 218°C]
HSTAT101010	HSTAT102010	1.0 (25)	10 (3.1)	720	
HSTAT201006	HSTAT202006	2.0 (51)	6 (1.8)	864	
HSTAT201010	HSTAT202010	2.0 (51)	10 (3.1)	1440	
HSTAT301006	HSTAT302006	3.0 (76)	6 (1.8)	1296	
HSTAT301010	HSTAT302010	3.0 (76)	10 (3.1)	1800	
MSTAT101006	MSTAT102006	1.0 (25)	6 (1.8)	432	Up to 160°F 71°C]
MSTAT101010	MSTAT102010	1.0 (25)	10 (3.0)	720	
MSTAT101015	MSTAT102015	1.0 (25)	15 (4.5)	1080	
MSTAT101030**	MSTAT102030*	1.0 (25)	30 (9.1)	1440	
MSTAT101050**	MSTAT102050*	1.0 (25)	50 (15.2)	1440	
HSTAT101006G*	HSTAT102006G	1.0 (25)	6 (1.8)	432	Up to 425°F 218°C]
HSTAT101010G*	HSTAT102010G	1.0 (25)	10 (3.1)	720	

*Grounded

**Reduced Watt Density

**HSTAT/MSTAT
with controller**

RKP XtremeFLEX® Silicone Rubber Heating Tapes

with Preset Thermostat

Features & Benefits

- Extremely flexible heating tape with preset thermostat: 70°F or 122°F (21°C or 50°C)
- Ideal for freeze protection and process control heating applications
- Moisture and chemical resistant — IP66

Specifications

Power Density: 1.0 watts/in² (0.2 watts/cm²)**Power Cord:** 5 ft (1.5 m) long with- **120 VAC:** Standard 2-prong plug (NEMA 1-15)- **240 VAC:** Crimped ferrule leads

Ordering Information

Thermostat Setting 70°F (21°C)		Thermostat Setting 120°F (49°C)		Width in (mm)	Length ft (m)	Watts
Part No. 120 VAC	Part No. 240 VAC	Part No. 120 VAC	Part No. 240 VAC			
RKP1A0072	RKP2A0072	RKP1B0072	RKP2B0072	0.5 (12.7)	6 (1.8)	50
RKP1A0096	RKP2A0096	RKP1B0096	RKP2B0096		8 (2.4)	55
RKP1A0120	RKP2A0120	RKP1B0120	RKP2B0120		10 (3.1)	60
RKP1A0240	RKP2A0240	RKP1B0240	RKP2B0240	0.5 (13)	20 (6.1)	120
RKP1A0480	RKP2A0480	RKP1B0480	RKP2B0480		40 (12.2)	240
RKP1A0600	RKP2A0600	RKP1B0600	RKP2B0600		50 (15.2)	300
RKP1A0720	RKP2A0720	RKP1B0720	RKP2B0720		60 (18.3)	360
RKP1A0900	RKP2A0900	RKP1B0900	RKP2B0900		75 (22.9)	450
RKP1A0960	RKP2A0960	RKP1B0960	RKP2B0960	0.5 (13)	80 (24.4)	480
RKP1A1200	RKP2A1200	RKP1B1200	RKP2B1200		100 (30.5)	600
RKP1A1500	RKP2A1500	RKP1B1500	RKP2B1500		125 (38.1)	750

**RKP
with thermostat**

XtremeFLEX® Silicone Rubber Heating Tapes

Features & Benefits

- Exceptional flexibility for a wide range of heating applications
- Moisture and chemical resistant — IP66
- Rapid thermal response
- Wide range of sizes to choose from

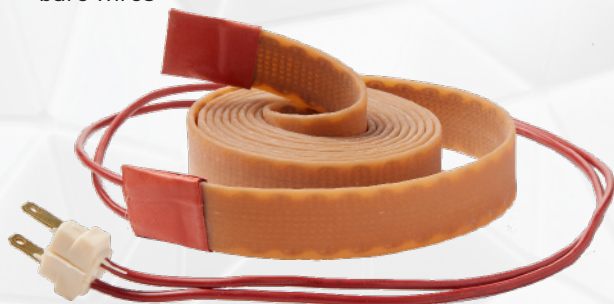
Specifications

Maximum Exposure Temperature: 450°F (232°C)

Power Density: 4.3 watts/in² (0.7 watts/cm²)

Power Leads: 2 ft (0.6 m) long with

- **120 VAC Non-grounded:** Separable 2-prong plug
- **240 VAC Non-grounded:** Crimped ferrules or bare wires



Models with crimped ferrule or bare wire leads



Ordering Information BSO Series Non-Grounded

Part No. 120VAC	Part No. 240VAC	Width in (mm)	Length ft (m)	Total Watts
BS0051040L	BS0052040L**	0.5 (13)	4 (1.2)	104
BS0051080L	BS0052080L**	0.5 (13)	8 (2.4)	209
BS0051120L	BS0052120L**	0.5 (13)	12 (3.7)	313
BS0101040L	BS0102040L**	1.0 (25)	4 (1.2)	209
BS0101100L	BS0102100L**	1.0 (25)	10 (3.1)	522
BS0101160L	BS0102160L**	1.0 (25)	16 (4.9)	836
BS0101200L		1.0 (25)	20 (6.1)	1075
BS0201040L	BS0202040L*	2.0 (51)	4 (1.2)	418
BS0201100L	BS0202100L*	2.0 (51)	10 (3.1)	1045
BS0201200L*	BS0202200L*	2.0 (51)	20 (6.1)	2090

*Bare wire, plug not included,

**Crimped ferrule leads

Ordering option: For a single power lead on opposite ends, remove "L" from end of part number.

RKF/RKH XtremeFLEX® Long-Length

Silicone Rubber Heating Tapes

Features & Benefits

- Exceptional flexibility and durability
- Standard lengths up to 200 ft (61 m)
- Moisture and chemical resistant — IP66

Specifications

Power Cord: Standard 5 ft (1.5 m) power cord with

- **120 VAC:** 2-prong plug (NEMA 1-15P)
- **240 VAC:** Crimped ferrule leads

Ordering Information RKF Series Non-Grounded

Part No. 120 VAC	Part No. 240 VAC	Product Series & Watt Density	Width in (mm)	Length ft (m)	Watts
RKF051200480	RKF052400480	RKF series		40 (12.2)	240
RKF051201200	RKF052401200	1.0 watts/in ² (0.2 watts/cm ²)	0.5 (13)	100 (30.5)	600
RKF051202400	RKF052402400			200 (70.0)	1200
RKH051200480	RKH052400480	RKH series		40 (12.2)	480
RKH051200720	RKH052400720	2.0 watts/in ² (0.4 watts/cm ²)	0.5 (13)	60 (18.3)	720
RKH051201200	RKH052401200			100 (30.5)	1200



NEW!



Models with crimped ferrule or bare wire leads



(RKH only)

TC4000 High-Capacity Wet-Area Digital Temperature Controller

Features & Benefits

- Dual-zone controller suitable for outdoor, indoor, or industrial environments
- 24 amps for single zone and 48 amps for dual zone
- Handles self-regulating cable in-rush and high-watt heaters
- Circuit breakers for over-current protection

Part Number Matrix

Example: **TC4223N**

Product Series	Control Zones	Current Rating	Voltage Rating	Ambient Temperature
TC4	1 Single Zone	1 One Output (30A)	1 100-240 VAC 1-Phase	N 32°F to 104°F (0°C to 40°C)
	2 Dual Zone	2 Two Outputs (30A each)	2 480 VAC 1-Phase	L -30°F to 104°F (-34°C to 40°C)
			3 100-240 VAC 3-Phase	
			4 480 VAC 3-Phase	

Specifications

Voltage: 100–240, 480 VAC single or 3-phase**Temperature Control Range:** -40°F to 999°F (-40°C to 999°C)**Sensor Input:** Type-J or Type-K thermocouple**Enclosure Rating/Classification Designation:** NEMA 4X enclosure with clear door; IP65 (requires IP65 fittings)**Environmental Exposure Operating Range:** 32°F to 104°F (0°C to 40°C)**NEW!**

TB4000 High-Capacity Bulb & Capillary Temperature Controller

Features & Benefits

- High amperage load up to 50 amps per zone
- Available with temperature cut off
- Suitable for outdoor use
- NEMA 4X enclosure

Part Number Matrix

Example: **TB4221-300**

Product Series	Type of Enclosure	Length	Contactors	Pressure Sensitive Adhesive	Temperature Range
TB	4 - Plastic 5 - Metal	1 Single Zone	0 No Contactor /15 amps Single Phase	1 (120)	150 0 to 150°F (-17 to 66°C)
		2 Single with Low or High Temperature Alarm	1 One Contactor /50 amps Single or 3-Phase	2 (240)	300 50 to 300°F (10 to 149°C)
		3 Single with High Limit Cutout	2 Two Contactors /50 amps each Single or 3-Phase	3 (277)	650 150 to 650°F [66 to 343°C]
		4 Dual Zone		4 (480)	

Specifications

Voltage: 120, 240, 277, or 480 VAC with 3-phase option**Temperature Control Range:** 0°F to 150°F, 50°F to 300°F, or 150°F to 650°F (-18°C to 66°C, 10°C to 149°C, 66°C to 343°C)

BH-510 & BH-610 Outdoor Digital Controllers

with Fast-Adaptive-Tuning

Features & Benefits

- Outdoor and wet-area use — IP65
- 4-key touch pad interface
- 5 programming languages
- Programmable in both °F and °C
- Remote control programming option

Specifications

Input Voltage: 90–260 VAC, 50–60 HZ

Maximum Amp Load:

- **BH-510:** 10 amps (16 amps with external fuse)
- **BH-610:** 40 amps

Display: LCD graphic display with 3-color LEDs for signaling of operating conditions

Temperature Control Range: -328°F to 2464°F (-200°C to 1350°C) with Type-K sensor

Ordering Information

Part No.	Description
WRW510SR-BH01	BH-510 wall mounted outdoor temperature controller, 16A max
WRW610SR-BH01	BH-610 wall mounted outdoor temperature controller, 40A max

**BH-510****BH-610**

TC4X Digital Temperature Controller

in NEMA 4X Enclosure

Features & Benefits

- 3-key touch pad interface
- Includes A99 temperature sensor
- On/off control with status indicator
- Outdoor and wet-area use — NEMA 4X/IP66 watertight plastic enclosure

Specifications

Voltage: 110–240 VAC

Maximum Amp Load: 15 amps at 110–120 VAC; 10 amps at 208–240 VAC

Temperature Control Range: -30°F to 212°F (-34°C to 100°C)

Connections: Hardwire; NEMA 4X/IP66 requires watertight fitting

Ordering Information

Part No.	Sensor Lead Length in (mm)
TC4X-1	9 (229)
TC4X-2	78 (1981)



TB261N Ambient Sensing Capillary Temperature Controller

Features & Benefits

- Controls based on ambient conditions
- * Suitable for outdoor use
- * Manually set desired temperature

Specifications

Voltage: Up to 277 VAC

Maximum Amp Load: 22 amps

Temperature Control Range: 20°F to 110°F

Environmental Exposure Operating Range:
-40°F to 160°F (-40°C to 71°C)



Ordering Information

Part No.	Volts	Amps	Range
TB261N-110	Up to 277	22	20°F to 110°F [-7°C to 43°C]

TD101 Automatic On/Off Thermostat Control

Features & Benefits

- Weatherproof on/off thermostat control with temperature sensitive bimetal disc
- Mounts directly to heated surface
- Single pole double throw (SPDT) switch
- TD101X models are FM Approved for Class 1, Division 2 hazardous areas

Specifications

Voltage: 120-277 VAC UL (120-240 VAC CSA)

Maximum Amp Load: 25 amps



Class I, Division 2, Groups B, C, D
Class II, Division 2, Groups F, G
Class III, Division 1
(TD101X Only)

TD101N

TD101X



Ordering Information

Part No. Ordinary Location	Hazardous Area	Volts (VAC)	Amps	Settings Close °F (°C)	Open °F (°C)
TD101N-050	TD101X-050	Up to 277	25	37 [3]	47 [9]
TD101N-060	TD101X-060	Up to 277	25	45 [7]	60 [16]
TD101N-075	TD101X-075	Up to 277	25	60 [16]	75 [24]
TD101N-105	TD101X-105	Up to 277	25	90 [32]	105 [41]
TD101N-200	TD101X-200	Up to 277	25	185 [85]	200 [93]

TB250N All-Purpose Bulb & Capillary Temperature Controller

Features & Benefits

- 2 temperature ranges
- SPDT switch
- Suitable for outdoor use
- Simple dial setpoint

Specifications

Maximum Amp Load: 22 amps

Sensor Input: Tinned copper bulb and capillary, 10 ft (3 m) long

Environmental Exposure Operating Range:
-40°F to 160°F (-40°C to 71°C)



Ordering Information

Part No.	Volts	Amps	Range
TB250N-150	Up to 277	22	0°F to 150°F [-18°C to 66°C]
TB250N-250	Up to 277	22	100°F to 250°F [38°C to 121°C]

TB110 Hazardous-Area Equipment Bulb & Capillary

Temperature Controller

Features & Benefits

- Temperature control on heat tracing, freeze protection, and process maintenance applications
- Numerous temperature range choices to fit your application

Specifications

Voltage: Up to 480 VAC

Maximum Amp Load: 22 amps

Temperature Display Unit: Dial setpoint °F and °C

Sensor Input: 304 stainless steel bulb and capillary, 10 ft (3 m) long (remote sensing only)

Enclosure Rating: NEMA 7 & 9, for hazardous areas

Ordering Information Bulb & Capillary

Part No. Single Set-Point	Part No. Dual Set-Point	Set-Point Range	Bulb Dimensions Diameter in (mm)	Length in (mm)
TB111N-325	TB112N-325	25°F to 325°F [-4°C to 163°C]	0.25 (6)	10.25 (200)
TB113N-650	TB114N-650	300°F to 650°F [149°C to 343°C]	0.25 (6)	12.50 (318)



Ordering Information Ambient Sensing

Part No.	Set-Point Range	Bulb Dimensions Diameter in (mm)	Length in (mm)
TB110N-140	15°F to 140°F [-9°C to 60°C]	0.56 (14)	2.69 (68)

See Catalog 15 for more additional information about approvals.

SRX Hazardous-Area Silicone Rubber Heating Blankets

Features & Benefits

- High-limit thermostat designed to keep blanket below NEC Article 500 T-Rating
- Easy-to-apply, industrial strength pressure-sensitive adhesive backing option
- Exceptional durability and suitable for a large range of metal surfaces like tanks, hoppers, conveyors, silos, etc.

Specifications

Power Density: 2.50 watts/in² (0.39 watts/cm²)

Voltage: 120 or 240 VAC, 12 or 24 VDC

Ordering Information Standard Sizes & Wattage

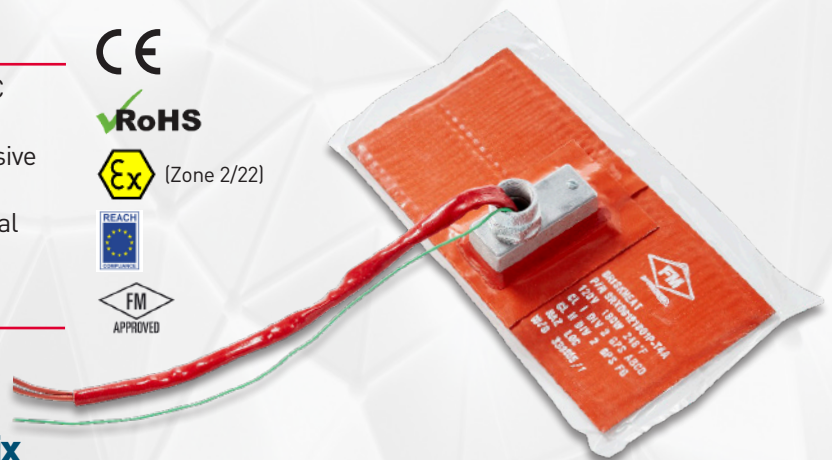
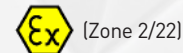
Width in (mm)	Length in (mm)	Total Watts
6 (152)	12 (305)	180
6 (152)	24 (610)	360
12 (305)	12 (305)	360
12 (305)	24 (610)	720
24 (610)	24 (610)	1440

Note: Plug not included.

Part Number Matrix

Example: **SRX2448180APT4A**

Product Series	Width	Length	Wattage	Voltage	Pressure Sensitive Adhesive	T-Rating
SRX - (FM) (1.25 W/in ²)	(inches)	(inches)	180	1 (120 V) 2 (240 V) A (24 VDC) B (12 VDC)	P (w PSA) Blank (w/o PSA)	T3 (T3) T4A (T4A)



SRL/SRP Heavy-Duty Silicone Rubber Heating Blankets

Features & Benefits

- Exceptional durability and suitable for a large range of surfaces like tanks, hoppers, conveyors, silos, etc.
- Easy-to-apply industrial strength pressure-sensitive adhesive backing option
- Moisture, chemical, and radiation resistant

Specifications

Power Density:

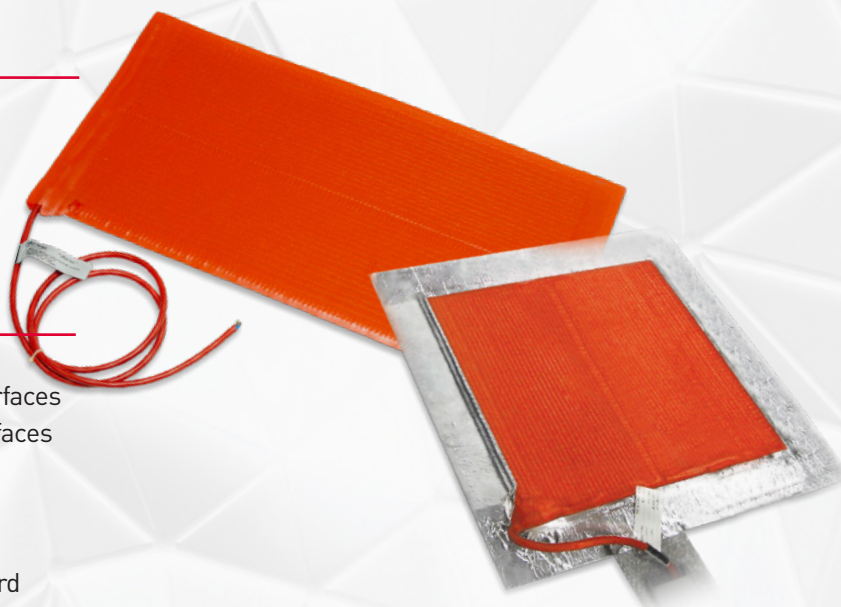
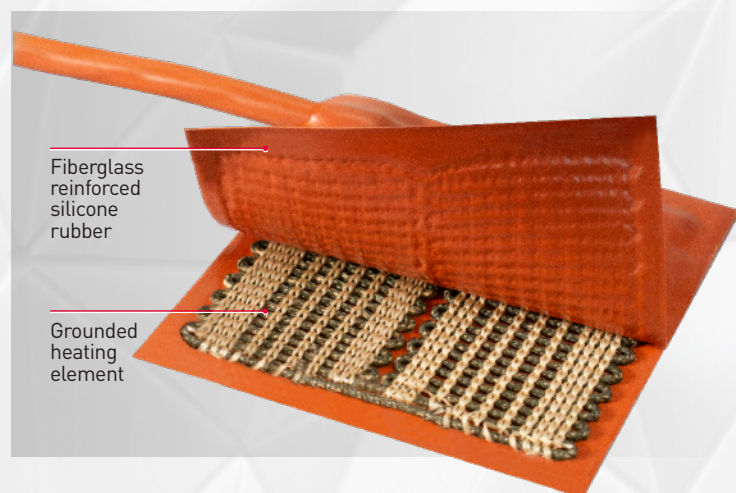
- **SRL Series:** 2.50 watts/in² (0.39 watts/cm²)* for metal surfaces
- **SRP Series:** 1.25 watts/in² (0.19 watts/cm²) for plastic surfaces

Voltage: 120-600 VAC single phase

Exposure Temperature: -60°F to 450°F (-51°C to 232°C)

Bend Radius: 2-3 in (51-76 mm)

Power Cord: 48 in (1219 mm) high-temperature silicone cord



up to 358°F
(181°C)



***Consult factory if SRL series will be used on a plastic surface.**

Ordering Information

Standard Sizes & Wattage

Size			Total Watts	
Width in (mm)	Length in (mm)		SRL Series: 2.5 watts/in ² (0.39 W/cm ²)	SRP Series: 1.25 watts/in ² (0.19 W/cm ²)
6 (152)	12 (305)		180	90
6 (152)	24 (610)		360	180
6 (152)	36 (914)		540	270
12 (305)	12 (305)		360	180
12 (305)	24 (610)		720	360
12 (305)	36 (914)		1080	540
18 (457)	18 (457)		810	405
18 (457)	36 (914)		1620	810
24 (610)	24 (610)		1440	720
24 (610)	36 (914)		2160	1080

Note: Plug not included.

Part Number Matrix

Example: **SRP24485PH450-096**

Product Series	Width	Length	Voltage	Pressure Sensitive Adhesive	High-Limit Safety Thermostat Option	Lead Length Adjustment Option
SRL (2.50 W/in ²) SRP (1.25 W/in ²)	(inches)	(inches)	1 (120 V)	P (w PSA) Blank (w/o PSA)	H150 150°F/66°C [recommended for plastic surfaces]	Custom Lead Lengths 6 in (152 mm) increments Example: 096 = 96 in (2438 mm) Blank: Standard 48 in (1219 mm)
2 (240 V)			H450 450°F/232°C [recommended for metal or temperature resistant surfaces]			
3 (277 V)						
4 (480 V)						
5 (208 V)						
6 (600 V)			Blank [no high-limit]			

IMPORTANT: Temperature controller is required for this product.

SRL/SRP/SRM Heavy-Duty Silicone Rubber Heating Blankets

with Control

Features & Benefits

- Built-in temperature control for plug-and-play operation
- Exceptional durability for a wide range of industrial uses
- Easy-to-apply industrial strength pressure-sensitive adhesive backing option
- Moisture, chemical, and radiation resistant

Specifications

Power Density:

- **SRL Series:** 2.50 watts/in² (0.39 watts/cm²)* for metal surfaces
- **SRP Series:** 1.25 watts/in² (0.19 watts/cm²) for plastic surfaces
- **SRM Series:** 2.50 watts/in² (0.39 watts/cm²) for metal surfaces

Adjustable Thermostat:

- **SRL Series:** Up to 425°F (218°C)[†]
- **SRP Series:** Up to 160°F (71°C)[†]
- **SRM Series:** Up to 160°F (71°C)[†]

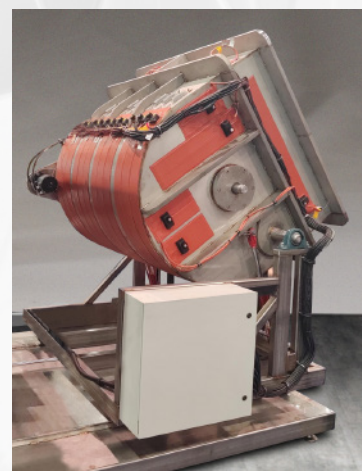
Voltage: 120 or 240 VAC single phase

Power Cord: 6 ft (1.8 m) long

- 120 VAC with standard 3-prong plug (NEMA 5-15)
- 240 VAC with standard 3-prong plug (NEMA 6-15)

*Consult factory if SRL Series will be used on plastic surface.

[†]If precise temperature is required, contact your distributor or BriskHeat.

**NEW
OPTIONS**

Ordering Information

Standard Sizes & Wattage

Size		Total Watts		
Width in (mm)	Length in (mm)	SRL Series 2.5 watts/in ² (0.39 watts/cm ²)	SRP Series 1.25 watts/in ² (0.19 watts/cm ²)	SRM Series 2.5 watts/in ² (0.39 watts/mm ²)
6 (152)	12 (305)	180	90	180
6 (152)	24 (610)	360	180	360
6 (152)	36 (914)	540	270	540
12 (305)	12 (305)	360	180	360
12 (305)	24 (610)	720	360	720
12 (305)	36 (914)	1080	540	1080
18 (457)	18 (457)	810	405	810
18 (457)	36 (914)	1472*	810	1472*
24 (610)	24 (610)	1440	720	1440
24 (610)	36 (914)	N/A	1080	1440

*2.27 watts/in² (0.0035 watts/mm²)

Part Number Matrix

Example: **SRL12362PADJB**

Product Series	Width	Length	Voltage	Pressure Sensitive Adhesive	Ordering Options
SRL (2.50 W/in ²)	(inches)	(inches)	1 (120 V)	P (w PSA)	ADJB (with NEMA 5-15 Plug) ADJ (w/o Plug, Ferrule Crimped Wire Terminations) [CSA & CE Approved]
SRP (1.25 W/in ²)			2 (240 V)	Blank (w/o PSA)	
SRM (2.5 W/in ²)					

Custom sizes and designs available: Contact BriskHeat® or your local distributor for more information.

SRW Standard-Duty Silicone Rubber Heating Blankets

Features & Benefits

- Suitable for tanks, hoppers, conveyors, silos, vessels, etc.
- Economical solution
- Thin, low-profile design with good flexibility

Specifications

Power Density: 5.0 watts/in² (0.78 watts/cm²)**Voltage:** 120 or 240 VAC**Exposure Temperature:** -60°F to 450°F (-51°C to 232°C)**Power Leads:** 10 in (25 cm) PFA extruded 22 AWG leads with bare wire (no plug); Other lengths available

Ordering Information

Part No. 120 VAC	Part No. 240 VAC	Width in (mm)	Length in (mm)	Watts
SRW010-100A010A00-UR	SRW010-100B010A00-UR	1 (25)	10 (254)	50
SRW010-150A010A00-UR	SRW010-150B010A00-UR	1 (25)	15 (381)	75
SRW010-300A010A00-UR	SRW010-300B010A00-UR	1 (25)	30 (762)	150
SRW010-400A010A00-UR	SRW010-400B010A00-UR	1 (25)	40 (1016)	200
SRW020-050A010A00-UR	SRW020-050B010A00-UR	2 (51)	5 (127)	50
SRW020-100A010A00-UR	SRW020-100B010A00-UR	2 (51)	10 (254)	100
SRW020-250A010A00-UR	SRW020-250C010A00-UR	2 (51)	20 (508)	250
SRW020-300A010A00-UR	SRW020-300F010A00-UR	2 (51)	30 (762)	300
SRW030-100A010A00-UR	SRW030-100B010A00-UR	3 (76)	10 (254)	150
SRW030-150A010A00-UR	SRW030-150B010A00-UR	3 (76)	15 (381)	225

Part No. 120 VAC	Part No. 240 VAC	Width in (mm)	Length in (mm)	Watts
SRW030-200A010A00-UR	SRW030-200B010A00-UR	3 (76)	20 (508)	300
SRW040-100A010A00-UR	SRW040-100B010A00-UR	4 (102)	10 (254)	200
SRW040-200A010A00-UR	SRW040-200B010A00-UR	4 (102)	20 (508)	400
SRW040-250A010A00-UR	SRW040-250E010A00-UR	4 (102)	25 (635)	500
SRW050-100A010A00-UR	SRW050-100B010A00-UR	5 (127)	10 (254)	250
SRW050-250A010A00-UR	SRW050-250C010A00-UR	5 (127)	25 (635)	625
SRW050-300A010A00-UR	SRW050-300E010A00-UR	5 (127)	30 (762)	750
SRW060-100A010A00-UR	SRW060-100B010A00-UR	6 (152)	10 (254)	300
SRW060-150A010A00-UR	SRW060-150B010A00-UR	6 (152)	15 (381)	450
SRW060-200A010A00-UR	SRW060-200B010A00-UR	6 (152)	20 (508)	600

TSREH Enclosure Heaters

Features & Benefits

- Ambient-sensing thermostat for most models
- Prevents condensation or freezing of electronics located within enclosures and control panels
- Heater vulcanized to an aluminum mounting plate for easy installation

Specifications

Voltage: 120 or 240 VAC (other voltages available upon request)**Maximum Exposure Temperature:** -70°F to 392°F (-57°C to 200°C)

Ordering Information

Part No. 120 VAC	Part No. 240 VAC	Width* in (mm)	Length in (mm)	Mounting Holes Center in (mm)	Total Watts	Thermostat Opens °F (°C) Closes °F (°C)
TSREH600	TSREH2600	2.5 (64)	6 (152)	4 (102)	60	w/o thermostat
TSREH640	TSREH2640	2.5 (64)	6 (152)	4 (102)	60	60° (15°) 40° (4°)
TSREH6110		2.5 (64)	6 (152)	4 (102)	60	140° (60°) 110° (43°)
TSREH1200	TSREH21200	2.5 (64)	12 (305)	9 (229)	120	w/o thermostat
TSREH1240	TSREH21240	2.5 (64)	12 (305)	9 (229)	120	60° (15°) 40° (4°)
TSREH12110		2.5 (64)	12 (305)	9 (229)	120	140° (60°) 110° (43°)

*Dimension is for heater and bracket. Actual heat width is 2 in (51 mm).



Crankcase Heaters for HVAC/R Compressors

Features & Benefits

- Band style is flexible and easy to install
- Rapid heat-up
- Moisture proof
- Corrosion resistant
- OEM replacement

Specifications

Material: Aluminum band with SS closure strap



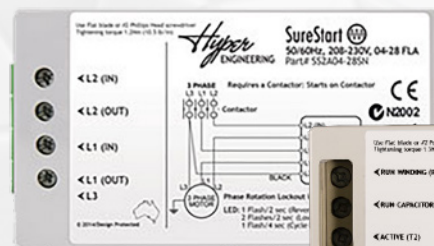
Ordering Information

Part No.	Circumference in (cm)	Diameter in (cm)	Voltage	Wattage	Lead Length in (mm)	Ground Length in (mm)
840051001	15.3-22 (38.9-55.9)	4.9-7 (12.4-17.8)	240	40	21.25 (540)	21.25 (540)
840051002	20.5-27.1 (52.1-68.8)	6.5-8.7 (16.5-22.1)	240	40	21.75 (553)	29.25 (743)
840051004	21.3-28 (54.1-71.1)	6.8-8.9 (17.3-22.6)	480	70	21.75 (553)	29.25 (743)
840051006	21.3-28 (54.1-71.1)	6.8-8.9 (17.3-22.6)	240	70	48.25 (1226)	48.25 (1226)
840051007	27.3-34 (69.3-86.4)	8.7-10.8 (22.1-27.4)	240	93	48.25 (1226)	48.25 (1226)
840051008	27.3-34 (69.3-86.4)	8.7-10.8 (22.1-27.4)	480/400	93/66	48.25 (1226)	48.25 (1226)
840051009	39.5-46.1 (100.3-117.1)	12.6-14.7 (32-37.3)	230	95	28.75 (730)	29.25 (743)
840051010	27.3-34 (69.3-86.4)	8.7-10.8 (22.1-27.4)	230	66	48.25 (1226)	48.25 (1226)

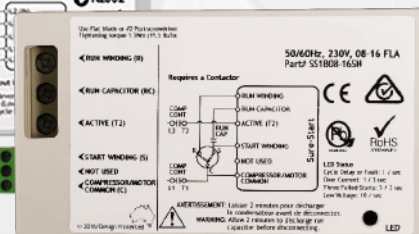
SureStart Compressor Soft Starters

Features & Benefits

- Reduces inrush start current by up to 70%
- Automatically optimizes the starting current without a user interface
- Voltages from 110-460 VAC, single and 3-phase
- Reduces required size of back-up generators or solar power systems
- Extends equipment life by reducing torque by up to 70%



NEW: Three-Phase Model



Single-Phase Model

Ordering Information

Part No.	Nominal Voltage Rating VAC	Phase	Frequency Hz ±3%	Max Load Amps	Max Starting Amps	Motor Current max FLA Range	Motor Size hp	Min Startup Voltage	Max High Voltage	Shutdown on Low Voltage
SS0B12-20SN	110-115	Single	60	20	35	12-20 A	0.75-1.5	103	126	98
SS1B08-16SN	208-230		50/60	16	35	8-16 A	1.75-3.5	180	253	175
SS1B16-32SN	208-230		50/60	32	65	16-32 A	3.5-7	180	253	175
SS2A04-28SN	208-230	Three	50/60	38	150	4-28 A	2-10	187	253	176
SS3A04-27SN	380		50/60	38	150	4-27 A	2-15	342	422	323
SS4A04-34SN	415		50	38	150	4-34 A	2-20	373	460	353
SS5A04-27SN	460		60	38	150	4-27 A	2-20	414	510	391

Mica Band & Nozzle Heaters

Features & Benefits

- High-temperature galvanized sheath provides oxidation resistance and extreme durability
- Premium grade mica insulation offers excellent electrical isolation and corrosion resistance
- Stainless steel band barrel clamps maintain clamping pressure at elevated temperatures
- Low-profile designs are approximately 1/8 in (3 mm) thick
- High-watt density up to 40 watts/in² (6 watts/cm²) for high-performance heating
- Operating temperature 900°F (482°C) standard, or 1200°F (649°C) with stainless steel sheath

Strip Heater Specifications

Length: 2.5 in-48 in (64 mm-1219 mm)

Width: 0.75 in (19 mm) minimum

Voltage: Up to 480 VAC, dual 120/240 or 240/480, single or 3-phase

Standard Band Heater Specifications

Diameter: 1.5-12 in (35-305 mm)*

Width: 1-12 in (25-305 mm)*

Voltage: Up to 480 VAC, dual 120/240 or 240/480; single or 3-phase

Standard Nozzle Heater Specifications

Diameter: 1-3 in (25-76 mm)

Width: 1-6 in (25-1120 mm)

Voltage: Up to 480 VAC



NEW!



Customize Your Mica Heater*

Clamping Options: Weld-on barrel nut, heavy-duty barrel nut, spring-loaded barrel nut, full strap, wedge, flange

Lead Wire Protection: Stainless steel braid or flexible conduit, spring guard, right-angle cap, strain relief

Terminal Options: Ground post, ceramic terminal cover, button terminals, terminal box

Other Options: Europlug, temperature sensor, two-piece design, hinged custom holes and slots

***Not all options are available in all sizes.**

+Consult BriskHeat for maximum dimensions.

More than 140 Band and Nozzle Heaters available! See BriskHeat Catalog 15 for standard sizes.

Screw Plug Immersion Heaters

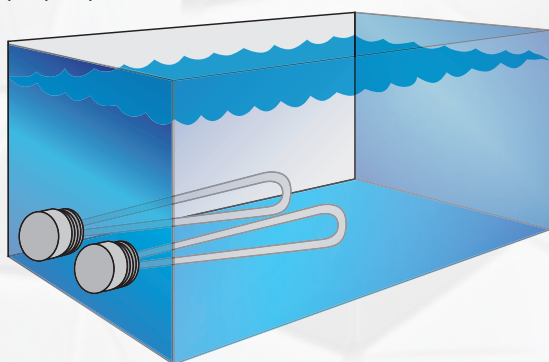
Features & Benefits

- Steel, copper, or incoloy sheathed elements. One, two, or three per unit depending on size
- Screw plugs 1 in, 1.25 in, 2 in, and 2.5 in NPT based on element configuration
- General-purpose terminal housing with conduit opening
- 120V, 208V, 240V, 480V, single or 3-phase which are factory wired to your requirements

UL and C-UL Recognized - E177353

Installation

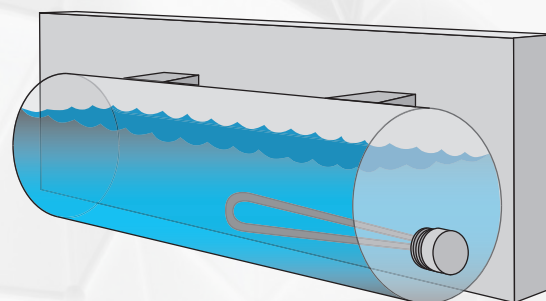
These heaters are screwed into a pipe coupling or half coupling in a tank. Units must be immersed at all times for proper performance.



Tank Heater



NEW!



Oil Reservoir Heater

Immersion Cartridge Heaters

Features & Benefits

- 316 stainless steel sheath for corrosion resistance
- Internal heat source is close to sheath, maximizing heat transfer
- NPT threaded bushing for sealing against process liquid
- Customized wattage for application

Specifications

Voltage: 120 or 240 VAC, single or 3-phase

Power Density: Up to 70 watts/in² (11 watts/cm²) determined by heater diameter and maximum amps

Ordering Information

Catalog No.	EM25	EM37	EM50	EM62	EM75	EM1.0	EM1.2	EM1.9	EM2.3
Bushing NPT	1/8	1/4	3/8	1/2	3/4	1	1-1/4	2	2-1/2
Element Dia (in)	0.25	0.37	0.5	0.62	0.75	1.0	1.25	1.9	2.3
Maximum Amps	3.5	6.0	10	10	15	25	30	40	50

UL Recognized - E56973
CSA - 016-0-000

NEW!



Proven Products & Engineering Support to Meet Your Most Rigorous Conditions.

The BriskHeat Winter Catalog contains a wide array of products and components to address your freeze protection needs.



Take a look inside... and see how we can help you protect your equipment, processes, and property.

Ordering Details

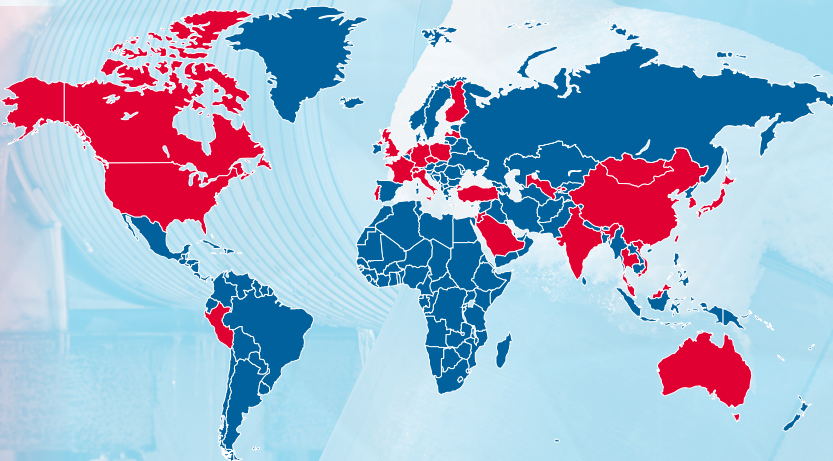
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BriskHeat.com 24/7.



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