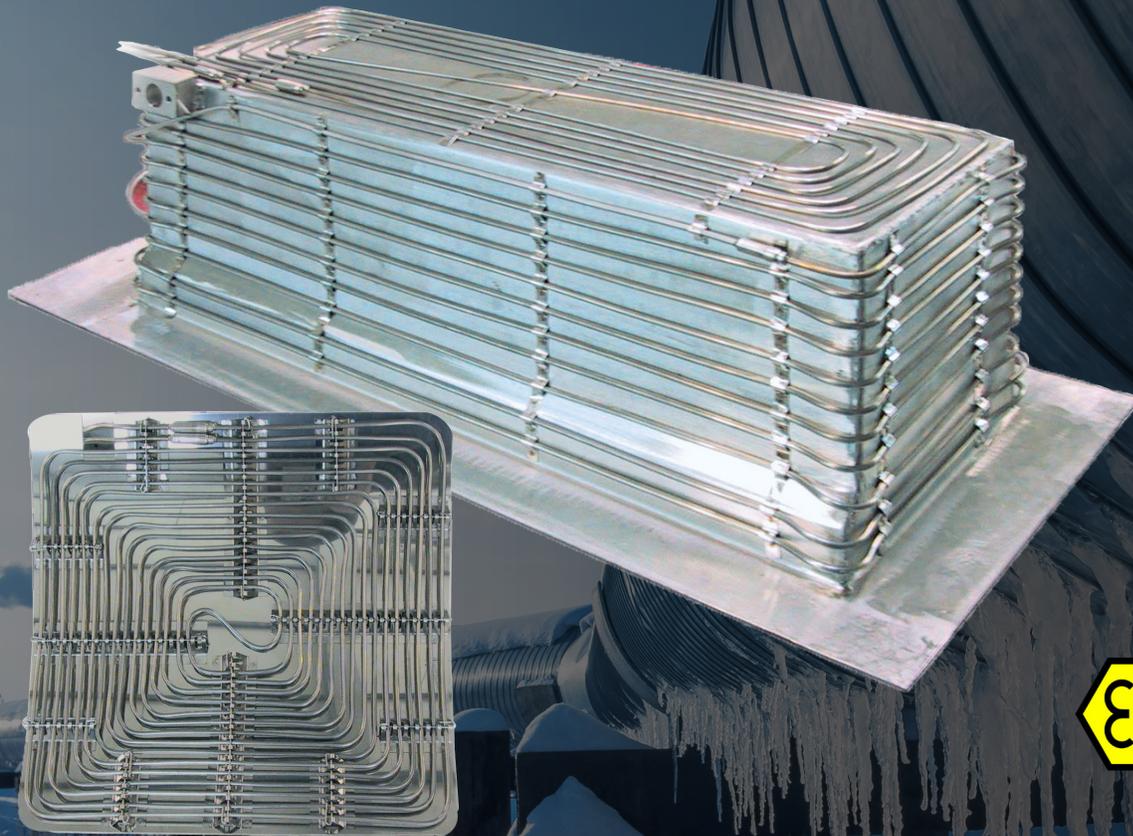


MINERAL INSULATED HEATING CABLE

NEW!



- ▶ High temperature capabilities up to 1832° F (1000° C)
- ▶ Water proof and high corrosion resistance — IP 67 rated
- ▶ High watt densities up to 76.2 W/ft (250 W/m)
- ▶ Choice of outer sheath materials: Stainless steel, Alloy 800/825, or Inconel 600
- ▶ Laser welded for superior reliability
- ▶ Customized for your application

MINERAL INSULATED HEATING CABLE

Benefits:

- Extremely durable and corrosion-resistant – suitable for harsh environments
- Suitable for high temperature applications
- Fast heat-up times due to high watt densities
- Can be bent and shaped to fit the object to be heated

Ideal For:

- Tanks and vessels
- Power generation hoppers
- Pipe tracing
- Container heaters
- Valves, flanges, metal tubes
- Radiant heaters
- Under water heaters
- Furnaces
- Floodgate heating
- Reactors
- Plate heating
- Pump heating
- Continuous heating ovens
- Process heaters

Specifications:

Maximum Exposure Temperature: 1832°F (1000°C)

Maximum Watt Density: 76.2 watts/ft (250 watts/m)

Outer Sheath Material Options: Stainless steel, Alloy 800 & 825, or Inconel 600

Heat Conductor: Nichrome, Copper, or Copper alloy resistance cable

Dielectric Mineral Insulation: MgO = Magnesium Oxide

Cable Diameter: 0.125 in (3.2 mm) up to 0.25 in (6.5 mm)

Custom Lengths: Manufactured for your specific needs

Ingress Protection Rating: IP67 (waterproof)

Standard Cold Lead Length: 1.64 ft (0.5 m)†

Standard Voltage: 230 VAC

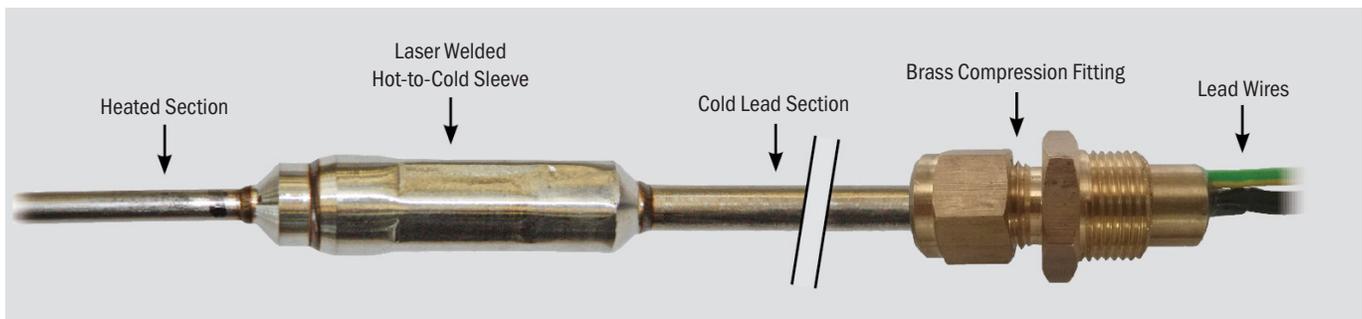
Standard Brass Compression Fitting Connections: M20 x 1.5†

† Other sizes, voltages, and fittings available

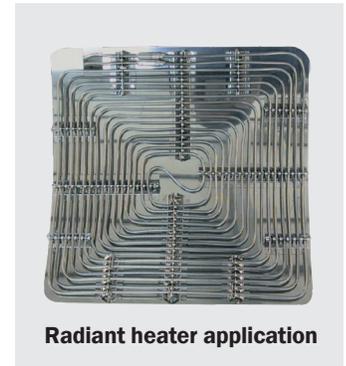
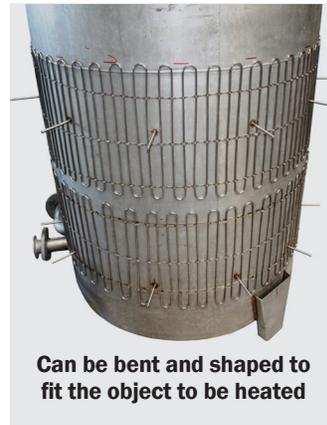
Ordering Information:

Part Number	Description
Configure-to-order	Contact us today for a quote

Construction:



IMPORTANT: Temperature controller is required for this product.



Exceptional Durability



Hazardous Locations:
II 2 G Ex e IIC Gb
II 2 D Ex tb IIIC Db



Temperatures up to 1832°F (1000°C)

Chemical & Corrosion Resistance Chart

Outer Material	Sulfuric Acid	Hydrochloric Acid	Hydrofluoric Acid	Phosphoric Acid	Nitric Acid	Organic Acid	Alkali	Salts	Seawater	Chloride
Stainless steel 321	N	N	N	N	D	E	A	A	N	N
Inconel 600	D	D	A	D	D	E	E	E	A	E
Alloy 825	E	E	E	E	E	E	E	E	E	E

Other outer material options available upon request

E - Excellent
A - Acceptable
X - Application dependent
N - Not recommended

BriskHeat provides a complete system with all materials necessary for installation including heating cable, clamp bands, installation mesh, aluminum foil, stainless steel foil, and more.

YES, WE HEAT THAT!

HIGH-TEMPERATURE HIGH-WATT HEATING

A safe and efficient way to provide extreme temperatures and high watt density heating

Application

Manufacturing/Industrial companies often need to heat tanks, hoppers, vessels, conveyor ovens, piping & valve systems, etc. to extremely high temperatures. Additionally, they may require the heat-up to occur rapidly. Often these applications are located in hazardous areas, wet areas, or environments where products may be subject to harsh conditions.

Solution

BriskHeat's Mineral Insulated (MI) Heating Cable is an excellent heating solution for these types of applications. MI cable can reach temperatures of 1,832°F (1,000°C) and has a watt density of up to 76.2 w/ft (250 w/m). The high watt-density capabilities of MI cable provides incredibly fast heat-up and reliable temperature maintenance at extremely high temperatures. Additionally, its high-quality construction offers numerous benefits:

Magnesium Oxide Core - Safe electrical insulation with maximum thermal transfer.

Tubular Metal Sheath Cover - Extreme durability and environmental protection.

Laser-Welded Sleeves - Ultimate reliability and extended service life.

4 Outer Sheath Options - To best match application environments.

Custom Lengths - Manufactured to meet exact requirements.

Waterproof - Completely submersible and chemical resistant, IP67.

Hazardous Areas - ATEX approved for use in hazardous area locations.

Additional Uses

- Tanks and vessels
- Power generation hoppers
- Containers and drums
- Valves, flanges, and metal tubes
- Radiant heaters
- Furnaces
- Floodgate heating
- Reactors
- Plate Heating
- Pump Heating
- Continuous heating ovens
- Refining and Crude Distillation



Industries

Petrochemical	Nuclear
Chemical Processing	Railway
Oil & Gas	Food Processing
Steel Production	Plastics/Injection Molding
Aluminum Processing	General Manufacturing
Power Generation	

Types of Users

Facilities Maintenance	Process Engineers
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II 2 G Ex e IIC Gb
II 2 D Ex tb IIIC Db

ABOUT BRISKHEAT



BriskHeat offers a full range of surface and immersion heating products, controllers, insulators, and accessories for a wide-variety of applications.

BriskHeat products include heating tapes, cables, blankets, drum and tote heaters, cloth jackets, tubular heaters, band and cartridge heaters, composite curing systems, and more. Since 1949, BriskHeat has provided quality heating and temperature control solutions to industries including petrochemical, semiconductor, food processing, biotech, aviation, steel, laboratory, power generation and many others.

BriskHeat has a broad range of experience with applications including freeze protection, viscosity control, condensation prevention, and process heat. Additionally, we offer expert application support and custom engineering and thermal simulation services.

Large projects or small, high volume or low, domestic or world-wide, BriskHeat stands by to help you solve your application issues. With an accessible staff of sales and application engineers experienced at helping you find the most economical solution for your needs, BriskHeat is your heating specialist.

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