

HIGH-TEMPERATURE HIGH-WATT HEATING

A safe and efficient way to provide extreme temperature 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.

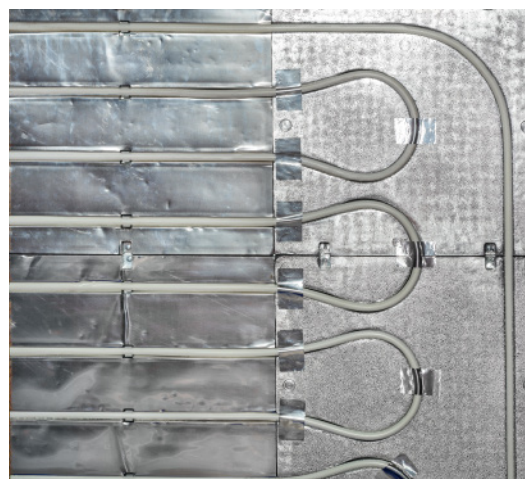
Hazardous Areas - ATEX approved for use in hazardous area locations.

Additional Uses

Tanks and vessels	Floodgate heating
Power generation hoppers	Reactors
Containers and drums	Plate heating
Valves, flanges, and metal tubes	Pump heating
Radiant heaters	Continuous heating ovens
Furnaces	Refining and crude distillation
	Super-heated steam



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Industries

Chemical Processing/ Extractions	Gas & Oil
Energy/Power Generation	Injection Molding/ Plastics/Rapid
Food & Beverage Processing	Prototyping Manufacturing

Types of Users

Facilities Maintenance	Process Engineers
Boiler Technicians	Production Management
Quality Engineers	