

BriskHeat

Your *Heating* Specialist since 1949

CARTRIDGE HEATERS



304 SS, 316 SS, and Incoloy sheaths for enhanced corrosion resistance and high temperature capabilities

Suitable for applications up to 300 W/in² (46.5 W/cm²) and 1,600°F (871°C)

TIG-welded end disk to prevent contamination and moisture absorption

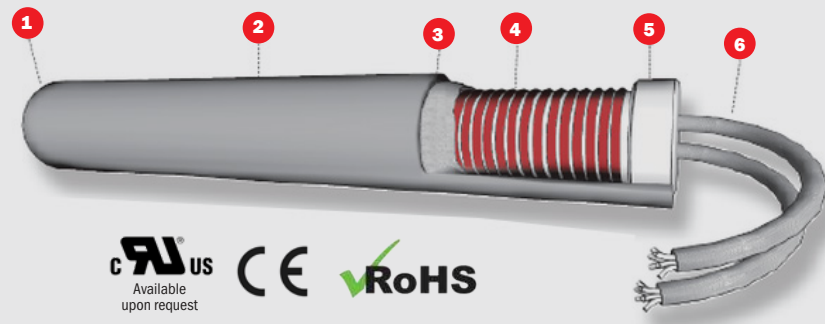
1-year factory warranty against defects in material and workmanship

High-purity magnesium oxide fill for maximum dielectric strength and thermal conductivity

Nickel-chromium resistance wire for maximum heater life and uniform heat distribution

BriskHeat Swaged Cartridges are the premier choice for the most demanding applications. Choose from over 10,000 configurations available for immediate delivery or let us design a unique custom heater for your special application.

Standard Construction



1 TIG-Welded End Disc – To prevent contamination and moisture absorption.

2 304 Stainless-Steel Sheath – For oxidation resistance in a wide variety of environments.

3 High-Purity Magnesium Oxide Fill – For maximum dielectric strength and thermal conductivity. Highly compacted for maximum heat transfer.

4 Nickel-Chromium Resistance Wire – Evenly wound for even heat distribution and maximum heater life.

5 High-Impact Ceramic Cap – Reduces contamination and is suitable for high vibration applications. Deep holes in cap prevent fraying of leads when bent.

6 High-Temperature lead wires – Max exposure up to 1,022°F (550°C).

Customize Your Cartridge Heater

Watt Densities: Up To 300 W/in² (46.5 W/cm²)

Sheath: 304 SS, 316 SS, or Incoloy

Lead Wire: High-temperature Fiberglass, Teflon, Silicone Rubber, or SJO Cord

Termination: Swaged-In Leads, Crimped-On Leads, Right Angle Leads, Braid, SS Conduit, Ceramic Beads, Straight Pins, and more

End-Seals & Potting: Lava Seal, Cement, Teflon, RTV, EpoxyLite Potting, or Epoxy Potting

Fittings: 304 SS, 316 SS, or Brass

Construction: Double End, Post Terminal, Bent, End Tube, Spring Guard, Internal Thermocouple, Flanges, Mechanical Stops, or Square

Circuit Options: Dual Voltage, Distributed Wattage, or 3-Phase

Ideal for:

- Plastic Injection Molding
- Form, Fill, and Seal Packaging Machines
- Hot-Melt Glue Sealing Machines
- 3-D Printers
- Mass Spectrometry
- Tank Heating
- HVAC Compressors
- Air Ducts
- Food Services
- Aerospace
- Fluid Heating
- Life Sciences
- Semiconductor
- Much more!



SS Braid



Right-angle SS Conduit



Brass NPT Fitting



Flange



Square Heater