

0.058-INCH MINI-CABLE NOZZLE HEATER



This 0.058-inch diameter heater has been formed into a compact, tightly wound coil to supply 360 degrees of heat. We offer this heater with a 304 stainless steel sheath, the most widely used high temperature sheath material in the industry. It also offers high temperature corrosion and oxidation resistance.

Features and Benefits

Standard 5-inch no-heat tail section

- Prevents overheating failure in transition area

Hermetic seal

- Moisture proof transition seal

304 stainless steel axial access clamp

- Front-end adjustability

Swaged compaction

- Provides greater MGO compaction versus "rolling" procedures used by competitors

Maximum voltage 240 volt

- Provides higher voltage capability and greater wattage ranges than our standard 0.062 inch units

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“Worry-Free” Heater For Hot Runner Systems

Standard Units

Part Number	Volts	Watts	Coil I.D. in.	Width in.
Z5969	240	268	¾	1¼
Z5968	240	149	¾	1¼

All standard units have 72-inch Teflon® lead wire and come complete with an axial access clamp strap as shown in picture above. The width of the clamping strap is 1¼ inches. A Type J or Type K thermocouple can be added as an option externally connected to the heated sheath.



STL-MCN-0406

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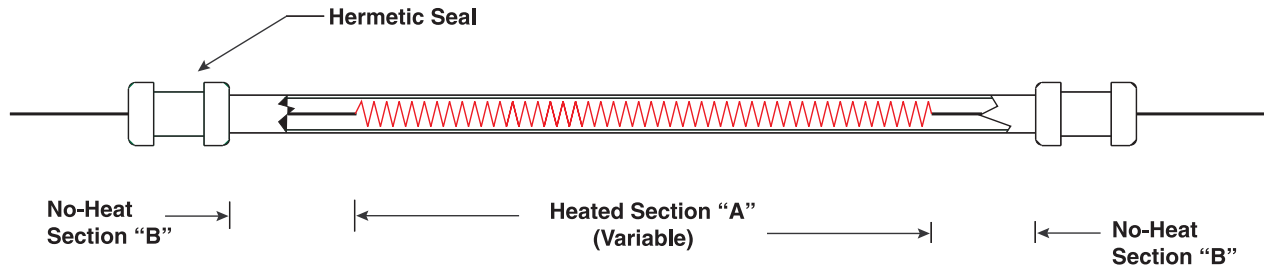
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Custom Units



This 0.058-inch heater features an unheated tail section and the transition is provided with a moisture-resistant hermetic seal. These two design features virtually eliminate failures due to moisture contamination and overheating in the transition area.

The mini-cable heater can be used for many applications including: semiconductor, medical instruments, packaging, environmental, small cast-in heaters as well as hot runner molds. In addition, mini-cable heaters are ideal for applications where fast, efficient heat is needed in small areas.

Technical Data

- Overall sheath lengths to 90-inch standard. Consult factory for longer lengths.
- A minimum of 1-inch no-heat length.
- Minimum coil I.D. of 0.25 inch.
- Voltage up to 240V.
- Watt densities to 40 W/in².
- Sheath temperatures up to 649°C (1200°F) continuously and 815°F (1500°F) intermittent.
- Wattage tolerance ±10 percent.
- Consult factory for availability of various clamping options.

Ordering Information

To order a heater for your specific application, please specify the following:

- Type of application
- Operating temperature
- Voltage
- Wattage
- Heated length "A"
- Unheated lengths "B"
- Coiling specifications
- Lead length and type
- Clamp type

Your Authorized Watlow Distributor Is: