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

---

### Standard Units

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Volts</th>
<th>Watts</th>
<th>Coil I.D. in.</th>
<th>Width in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z5969</td>
<td>240</td>
<td>268</td>
<td>%</td>
<td>1½</td>
</tr>
<tr>
<td>Z5968</td>
<td>240</td>
<td>149</td>
<td>%</td>
<td>1½</td>
</tr>
</tbody>
</table>

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 1½ inches. A Type J or Type K thermocouple can be added as an option externally connected to the heated sheath.

---

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.
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: