OMEGA's PLM-Series polyimide flexible heaters are offered in various shapes, wattages and voltages. All models can be supplied in self-adhesive or non-adhesive options to fit most installation needs. The polyimide insulation makes these heaters chemically resistant and flexible so they can fit on rounded surfaces with ease.

**Features**
- All polyimide strain relief and insulation
- Optional pressure sensitive adhesive models
- Temperatures from -57°C (-71°F) to 232°C (450°F)
- Non-magnetic heating element
- Watt densities of 2.5 W/in², 5 W/in² or 10 W/in²
- Thickness of 0.01" and wire length tolerance of ±0.4"

**Specifications**

**Operating Temperature:**
- **No Adhesive Options:** -57 to 232°C (-71 to 450°F)
- **Self-Adhesive Options:** -40 to 149°C (-40 to 300°F)

**Maximum Thickness:** .01”, .08” max at strain relief

**Watt Density:** 2.5 W/in², 5 W/in², 10 W/in²

**Leads:** 22 AWG, PTFE Insulated (UL1180), 12” ±0.4” Length

**Dielectric Strength:** 1250 VAC

**Minimum Bending Radius:** 0.032”

**Maximum Operating Voltage:** 28V, 115V or 230V

<table>
<thead>
<tr>
<th>Model Description</th>
<th>Model</th>
<th>Width</th>
<th>Length</th>
<th>Power Density</th>
<th>Adhesive Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 115 V max</td>
<td>PLM-*</td>
<td>05 – 0.5”</td>
<td>01 – 1”</td>
<td>/2 – 2.5 W/in²</td>
<td>-P (optional adhesive)</td>
</tr>
<tr>
<td>Low voltage 28 V max</td>
<td>PLMLV-*</td>
<td>1 – 1”</td>
<td>02 – 2”</td>
<td>/5 – 5 W/in²</td>
<td></td>
</tr>
<tr>
<td>Round version 115 V max</td>
<td>PLMR-*</td>
<td>…</td>
<td>…</td>
<td>/10 – 10 W/in²</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>12 – 12”</td>
<td>12 – 12”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Examples**

- **PLMLV-204/10-P:** Low Voltage Polyimide Heater, 28 V Max, 2 in Width, 4 in Length, 10 W/in², Self-Adhesive
- **PLM-1012/2:** Polyimide Heater, 115 V Max, 10 in Width, 12 in Length, 2.5 W/in², No Adhesive