

## STRIP HEATERS

Strip heaters, commonly called component or clamp heaters, based on the principle of convection air heating, use surface area to transfer heat effectively. Using most advanced heat technologies, strip heaters are an outstanding industrial heating product. It comprises of a heating element, a protective sleeve or sheath, and mounting hardware and can be clamped or bolted onto objects or solid surfaces. A coiled nickel chromium element wire is placed in the center of the heater. Suitable to work in 260 degree C temperatures, magnesium oxide is used for increasing efficiency. Temperatures can be controlled by using a temperature controller such as a thermostat. When using strip heaters, proper sheath material for resisting rusting or oxidation and suitable watt density of the element should be selected keeping in mind the application. These can be shaped and sized according to the use. A moderately inexpensive way of heating, strip heater is a tremendous solution to meet any budget.



### OPTIONS

Sheath Material	Iron, Steel, 304 Stainless steel, Aluminum, Zinc coated steel
Watt Density	Up to 100 W/in <sup>2</sup>
Voltage	Up to 600 V AC available
Operating Temperature	Up to 1200 °F or 650 °C
Length	5 ½ to 48 inches
Width	1 ½ inch

### OPTIONS WITH STRIP HEATERS

#### Terminations

Offset terminations, Parallel terminals, terminal at each end or lead wires available

#### Mounting Tabs

Available mounting tabs with holes, slots or without tabs

**TEMPESENS INSTRUMENTS (I) PVT. LTD.**

B-188A, Road No.-5, M.I.A., Madri, Udaipur - 313 003 (Rajasthan) INDIA

Ph.: +91 294 3057700 Fax: +91 294 3057750

E-mail: [info@tempsens.com](mailto:info@tempsens.com)

[www.tempsens.com](http://www.tempsens.com)

## **Pressurized**

Compressed under high pressure for excellent heat transfer

## **Thickness**

Customized to easily fit into applications.

## **Heating Element**

Centered in the heater to assure uniform heat

## **APPLICATIONS**

- Surface Heating
- Process Air Heating
- Winterizing
- Space Heating
- Food warming
- Packaging and sealing
- Laboratory equipment
- Autoclaves and ovens

## **BENEFITS**

- Easy and economic to install
- Corrosion and vibration resistant
- Durable, versatile and easy to control
- Uniform Heat Distribution
- Suitable for higher temperatures

**TEMPESENS INSTRUMENTS (I) PVT. LTD.**

B-188A, Road No.-5, M.I.A., Madri, Udaipur - 313 003 (Rajasthan) INDIA

Ph.: +91 294 3057700 Fax: +91 294 3057750

E-mail: [info@tempsens.com](mailto:info@tempsens.com)

[www.tempsens.com](http://www.tempsens.com)