

## ABOUT US

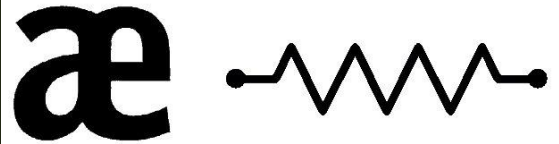
AMEE ENGINEERS was established in 1985 and has made its name in the list of top suppliers of reliable and quality of Heaters & Temperature Sensors at competitive rates. We also provides customized heating solutions to fullfill client's specific heating needs. We also have latest state of the art manufacturing facilities which also includes testing and Calibration lab that is directly tracable to NABL. Over a period of years, We have acquired skills, knowledge and expertise to design and manufacturer reliable kinds of heaters & sensors that makes us unique from the other manufacturers.

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WE BELIEVE IN RELIABILITY & QUALITY

# AMEE ENGINEERS

An ISO: 9001 Certified  
Company

## PRODUCTS

### HEATERS

1. Cartridge Heaters
2. Aluminium Casted Heaters
3. Air Heaters
4. Mica Heaters
5. Ceramic Band Heaters
6. Strip Heaters
7. Bobbin/ Corrugated Heaters
8. Tubular/ Immersion Heaters

### TEMPERATURE SENSORS

1. Thermocouple
2. RTD

# PRODUCTS

Sr. No	Name & Description of the Product	Image of the Product
1.	<p><b><u>CARTRIDGE HEATERS</u></b></p> <p>Types:</p> <ul style="list-style-type: none"><li>• High Density</li><li>• Medium Density</li><li>• Low Density</li></ul> <p>Range:</p> <ul style="list-style-type: none"><li>• Interm of Diameters: 6 mm – 32 mm</li><li>• Interm of length: 40 mm – 1500 mm</li></ul> <p>Application:</p> <ul style="list-style-type: none"><li>• Packaging and Sealing</li><li>• Food Processing Machines</li><li>• Injection Molding Manifold</li></ul>	
2.	<p><b><u>AIR HEATERS</u></b></p> <p>Types:</p> <ul style="list-style-type: none"><li>• Tubular</li><li>• Strip</li></ul> <p>Features of our Heaters are:</p> <ul style="list-style-type: none"><li>• Maximum Utilization of Heat with Fine type</li><li>• Maximum efficiency for Air Heating application</li><li>• Minimum temperature can be achieved upto 600°C</li></ul> <p>Types of Fins</p> <ul style="list-style-type: none"><li>• SS304- /SS316</li><li>• GI</li></ul> <p>Application:</p> <ul style="list-style-type: none"><li>• Oven</li><li>• Dryer</li><li>• AHU</li><li>• Baking Process</li><li>• Moisture Separator</li></ul>	 
3.	<p><b><u>TUBULAR/IMMERSION HEATERS</u></b></p> <p>Features of our heaters are:</p> <ul style="list-style-type: none"><li>• Homogeneous even Heating</li><li>• Minimum Heat Loss</li></ul> <p>Application:</p> <ul style="list-style-type: none"><li>• Oil Heating</li><li>• Dryer</li><li>• Water Heating</li><li>• Thermic Fluid Heating</li></ul>	

4.

### STRIP HEATERS

Types:

- With Fins
- Without Fins

Features of our heaters are:

- Maximum Utilization of Heat with Fine type
- Terminal/Junction Box (for critical and special cases)

Application:

- Ovens
- Air Heating
- Moulds
- Hot Plates
- Sealing Bars
- Drying
- Food Warmers
- Dies



5.

### MICA HEATERS

Types:

- Round
- Flat
- L & V shape

Features of our Heaters are:

- Flexible shape
- Right Angled Terminals

Application:

- Injection Moulding
- Blow Moulding
- Polymer Bag Sealing and Cutting Machine
- Rubber Machine
- Plastic Extruder



6.

### ALUMINIUM CASTING HEATERS

Features of our Heaters are:

- It can mould in any customized shape
- Homogeneous heating surface
- Offers a large area to heat the liquid and semi solid material

Application:

- Injection and Blow Moulding machine
- Composite pultrusion machine
- Wax Softener
- Suitable for indirect heating of liquids and gases



7.

### CERAMIC BAND HEATERS

Types:

- Round
- Half Round
- L type

Range:

- Interm of Diameters: 50 mm–600 mm
- Interm of Width: 50 mm – 500 mm
- Material : SS / GI
- Single Phase / 3 phase

Application:

- Injunction Moulding
- Blow Moulding
- Extrusion Machines
- Drum Heating



8.

### BOBBIN/CORRUGATED HEATERS

Types:

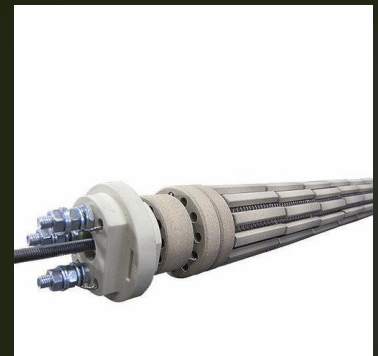
- Open type
- Groove type - multiple cavity type
- Close Ceramic type with multiple cavity

Features of our heaters are:

- Offers large area to heat liquids
- Simple and low cost installation
- Easy to maintain and repair

Application:

- Heating liquid and Gases
- Dryers and Ovens
- Printing and Packaging Industries



9.

### TEMPERATURE SENSORS

#### THERMOCOUPLE

Thermocouples consist of two wire legs made from different metals.

Types of Junction

- Grounded Junction
- Un Grounded Junction
- Exposed Junction
- Isolated Junction

#### RTD

RTD have a linear increase in resistance as temperature rises. RTD come in 2-wire, 3-wire or 4-wire versions.

Application:

- Packaging Machinery
- Plastic Industries
- Laboratory
- Pharmaceutical
- Blister Packing Machine

