

# ULTRALUMINUM

## Omega's Innovative Extruded Aluminum Heater Bands & Strips

- Excellent Heat Distribution
- Higher Allowable Sheath Temps
- Lower Element Temperatures
- Rugged Construction



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This new innovative heater band features contamination-resistant construction, low thermal mass & high watt density. We've embedded heating coils in an aluminum extrusion offering flexibility of design previously not possible in heaters of this type.

The result is the truly innovative Omega ULTRALUMINUM...a low profile, a low mass construction heater. Available in heater bands and strips, the ULTRALUMINUM provides the user with many benefits:

- Fast, responsive heat
- Uniform heat distribution
- Fewer problems usually associated with aluminum segmented heaters
- Longer heater life
- Higher allowable sheath temperature

## SPECIFICATIONS

### ELECTRICAL

<b>Maximum Watt Density</b>	55 W/IN <sup>2</sup>
<b>Maximum Voltage</b>	240V / 480V
<b>Maximum Amperage</b>	25A/Circuit
<b>Wattage Tolerance</b>	NEMA Standard +5%, -10%
<b>Resistance Tolerance</b>	NEMA Standard +10%, -5%

### MECHANICAL

<b>Maximum Operating Temperature</b>	850°F
<b>Sizes - Width</b>	1", 1-1/2", 2", 2-1/2" 3", 4"
<b>Thickness</b>	7/16"
<b>Maximum ID</b>	Consult Factory
<b>Standard Gaps</b>	1/4"

## OPTIONS

### BANDS

- Leads
  - Armored
  - Braided
- Terminal Box
- Partial Coverage
- Thermocouple Holes
  - in element area
  - in gap
- Notches

### STRIPS

- Leads – off the top surface
  - Armored
  - Braided
- Terminal Box
- Built-in Thermocouple
- Mounting Holes

**NOTE:** CONSULT FACTORY FOR COMPLETE LIST OF OPTIONS.

## HOW TO ORDER

(Minimum Information Required)

- Quantity
- Size inside diameter width
- Voltage - Total
- Wattage - Total
- Basic Construction (ex. Partial Coverage)
- Serial No. (when possible)
- Gap (if other than factory minimum)
- Options