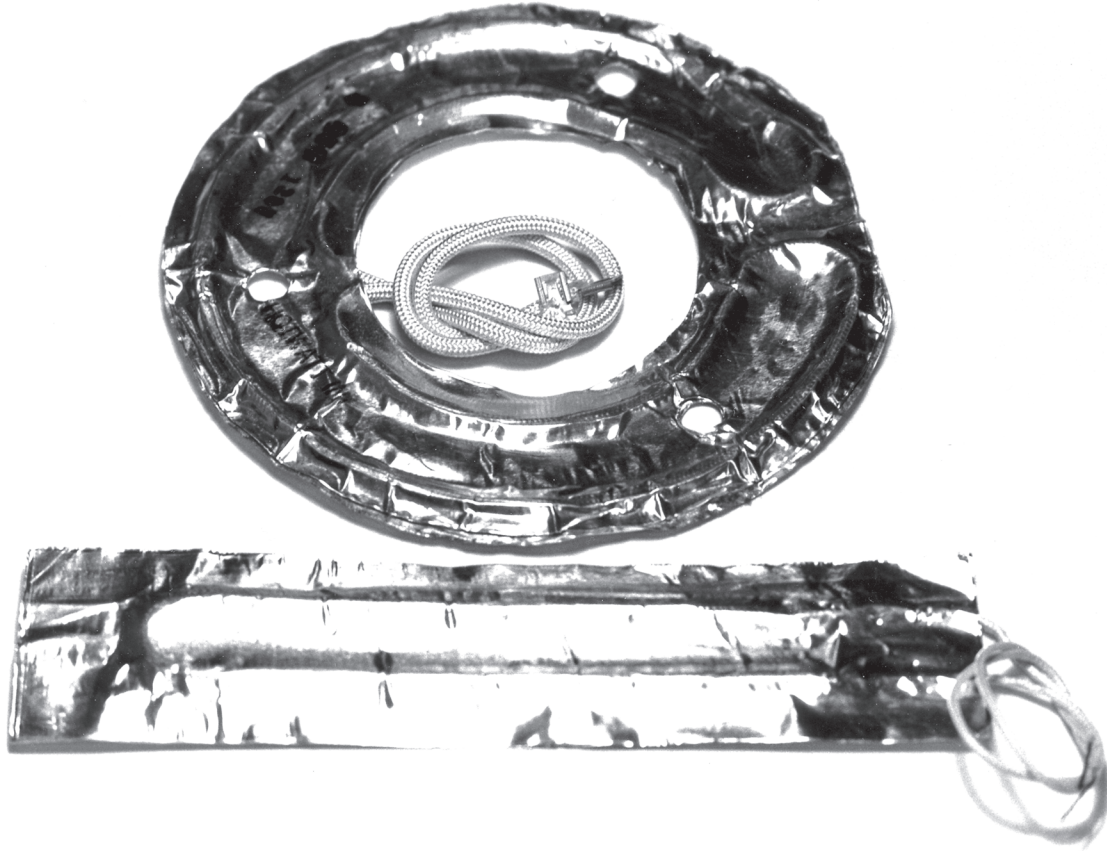




# Foil Heaters

FOIL



U.L. Recognized-No. E48358  
C.S.A. Certified-016386-0-000

## Applications

Battery Warmers, Cabinets, Defrost Applications, Heated Food Tables, Incubators, Laboratory Equipment, Ceiling Panels, and Wall Panels.

## Features

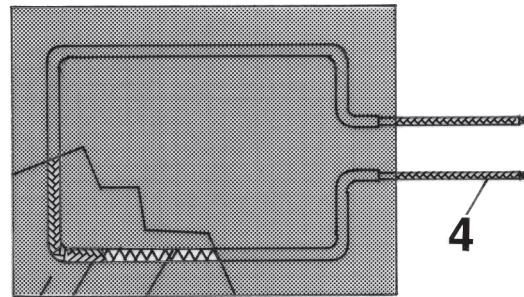
- The Hotwatt Foil Heater is a self-contained one-piece assembly.
- A resistant element is laminated between two layers of aluminum foil.
- The heater is ideally suited for area and surface heating applications.
- Sheath temperatures to 300°F.
- Widths range from 1¼" minimum -36".
- Lengths range from 4"-60".
- Heaters are available with a thermostat.
- Many configurations with or without holes and cutouts are available.
- Made in U.S.A.

## Wattage

The maximum wattage is based on 3 watts per square inch of surface.

## Construction

- 1 Aluminum foil.
- 2 Insulating sleeve.
- 3 Premium grade resistance wire element.
- 4 Insulated leads.



1 2 3

## Voltage

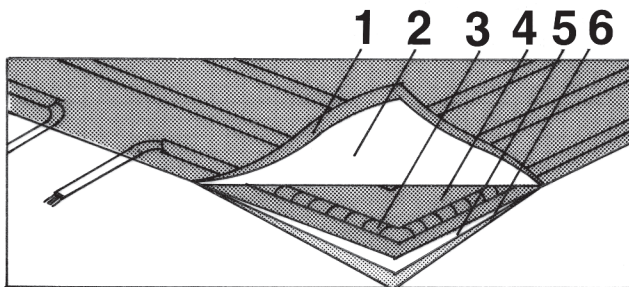
Voltage is normally 120 or 240 volts. Lower voltages are available.



# Foil Heaters

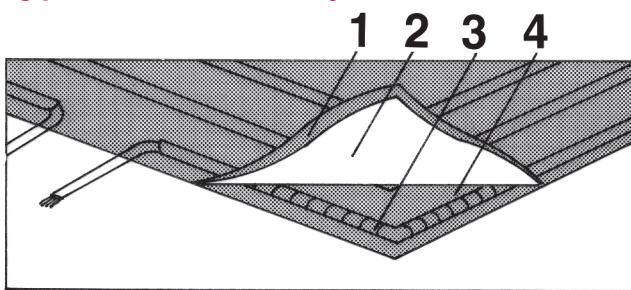
## Foil Heater Construction

### Type A: Self-Adhering: Flexible



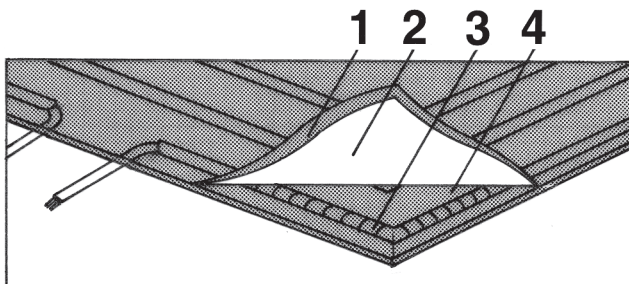
- |                  |                  |
|------------------|------------------|
| 1 Aluminum foil. | 4 Aluminum foil. |
| 2 Adhesive.      | 5 Adhesive.      |
| 3 Element.       | 6 Release paper. |

### Type B: Mechanically Fastened: Flexible



- |                  |
|------------------|
| 1 Aluminum foil. |
| 2 Adhesive.      |
| 3 Element.       |
| 4 Aluminum foil. |

### Type C: Mechanically Fastened: Semi-Rigid



- |                                |
|--------------------------------|
| 1 Aluminum foil.               |
| 2 Adhesive.                    |
| 3 Element.                     |
| 4 Aluminum Sheet: .025" thick. |

## Standard Termination

SF1: Flexible leads for applications where leads can be bent close to the end of the unit. Leads are non-repairable.



## Special Features

SF11A: Ring terminals. Specify #6, #8, or #10.



SF11B: Straight quick connect terminals. Specify male or female and size:  $\frac{3}{16}$ " or  $\frac{1}{4}$ ".



SF11C: Flag quick connect terminals. Specify male or female and size:  $\frac{3}{16}$ " or  $\frac{1}{4}$ ".



SF11D: Spade terminals. Specify #6, #8, or #10.



## How to Order

Determine catalog number as shown below. For complex configurations, attach drawings.

**Example: FH3-6/50W120V/SF1-12/SF11A-#8/A4-20**

**FH:** Prefix for foil heater.

**3:** Width of heater from which side the lead comes out.

**6:** Length of heater.

**50W:** Voltage.

**120V:** Voltage.

**SF1-12:** Lead type and length.

**SF11A:** Terminal if required.

**A:** Construction of heater (specify A, B or C).

**4:** The number of passes of element inside the foil (generally determined by the factory).

**20:** Element length (generally determined by the factory).