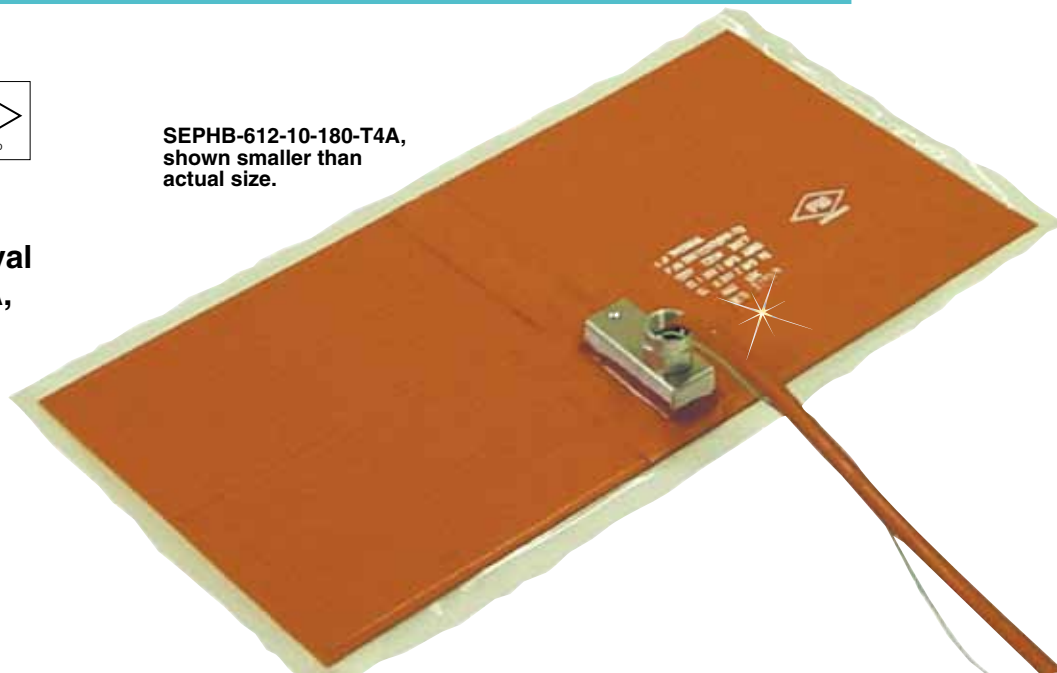


## HEAVY-DUTY, EXPLOSION-RESISTANT HEATING BLANKETS

### SEPHB Series



SEPHB-612-10-180-T4A, shown smaller than actual size.



- ✓ Factory Mutual Hazardous Area Approval
- ✓ Class I, Div 2, Groups A, B, C, and D; Class II, Div II, Groups F and G
- ✓ Integral Built-In High-Limit Thermal Cutout Prevents Temperature Runaway†
- ✓ Optional Pressure Sensitive Adhesive Available
- ✓ Moisture and Chemical Resistant
- ✓ Maximum Exposure Temperature of 232°C (450°F)

#### APPLICATIONS

- ✓ Low-Temperature Ovens
- ✓ Process Vats and Dip Tanks
- ✓ Storage Tanks
- ✓ Hoppers, Dry Storage Bins, Coal Silos
- ✓ Conveyors

OMEGALUX® silicone rubber heavy-duty heating blankets feature built-in high-limit thermal cutout protection, which, in the event of a primary temperature controller failure, maintains blanket sheath temperature below the minimum safe auto-ignition temperature of the material being heated or materials in the area. ("T Rating" in the National Electric Code, Section 500).

OMEGALUX® SEPHB Series blankets are flexible and readily conform to most plane and simple curved surfaces. Blankets are easy to install with optional factory applied pressure-sensitive adhesive, creating a permanent bond.

OMEGALUX® SEPHB blankets are compatible with most chemical fluids and oils commonly encountered in field service. They are exceptionally resistant to weather, moisture, and effects of sunlight, and ozone gases, and they can be used in areas of high radioactivity.

#### SPECIFICATIONS

**Wattage:** 180, 360, 720 or 1440 W  
**Power:** 120, 240 and 480V (contact OMEGALUX® for 480V heaters)  
**Dielectric Strength:** 2000V  
**Watt Density:** 2.5 W/in<sup>2</sup>

#### High-Limit Thermostat Temperature

T4A	70°C (158°F)
T3	145°C (292°F)

#### CAUTION AND WARNING!

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.

#### To Order

Volts	Watts	Dimensions: mm (inch)	Model No.
120	180	152 x 305 (6 x 12)	SEPHB-612-180-120-*
240	180	152 x 305 (6 x 12)	SEPHB-612-180-240-*
120	360	152 x 610 (6 x 24)	SEPHB-624-360-120-*
240	360	152 x 610 (6 x 24)	SEPHB-624-360-240-*
120	360	305 x 305 (12 x 12)	SEPHB-1212-360-120-*
240	360	305 x 305 (12 x 12)	SEPHB-1212-360-240-*
120	720	305 x 610 (12 x 24)	SEPHB-1224-720-120-*
240	720	305 x 610 (12 x 24)	SEPHB-1224-720-240-*
120	1440	610 x 610 (24 x 24)	SEPHB-2424-1440-120-T4A
240	1440	610 x 610 (24 x 24)	SEPHB-2424-1440-240-*

\*Insert "High-Limit Thermostat Temperature (T) Rating" from above table.

†Article 501 of the NEC requires that the maximum sheath temperature of the heater shall not exceed 80 percent of the auto-ignition temperature of the surrounding atmosphere when heater is continuously energized.

**Auto-Ignition Temperature:** The minimum temperature required to initiate or cause self-sustained combustion of a solid, liquid or gas independently of the heating or heated element (see NFPA 325M, Fire Hazard Properties of Flammable Liquids, Gases and Volatile Solids).