

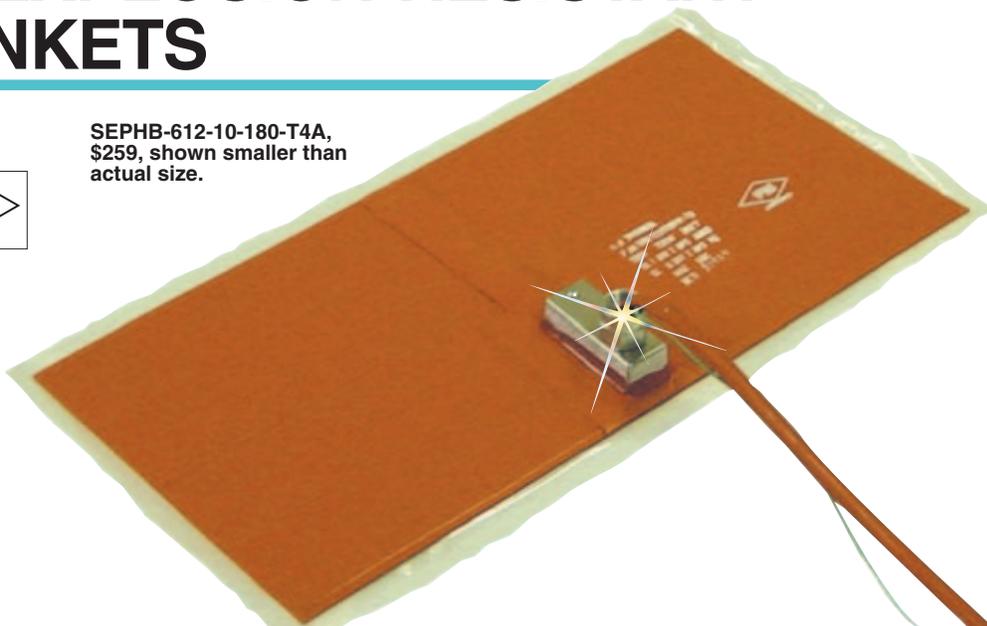
HEAVY-DUTY, EXPLOSION-RESISTANT HEATING BLANKETS

SEPHB Series Starts at

\$259



SEPHB-612-10-180-T4A, \$259, 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)

APPLICATION

- ✓ 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/in²

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.

High-Limit Thermostat Temperature

T4A	70°C (158°F)
T3	145°C (292°F)

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Volts	Watts	Dimensions: mm (in)	Model No.	Price
120	180	152 x 305 (6 x 12)	SEPHB-612-180-120-*	\$259
240	180	152 x 305 (6 x 12)	SEPHB-612-180-240-*	259
120	360	152 x 610 (6 x 24)	SEPHB-624-360-120-*	321
240	360	152 x 610 (6 x 24)	SEPHB-624-360-240-*	321
120	360	305 x 305 (12 x 12)	SEPHB-1212-360-120-*	321
240	360	305 x 305 (12 x 12)	SEPHB-1212-360-240-*	321
120	720	305 x 610 (12 x 24)	SEPHB-1224-720-120-*	433
240	720	305 x 610 (12 x 24)	SEPHB-1224-720-240-*	433
120	1440	610 x 610 (24 x 24)	SEPHB-2424-1440-120-T4A	709
240	1440	610 x 610 (24 x 24)	SEPHB-2424-1440-240-*	709

Accessory

Model No.	Price	Description
ME-1726	\$110	Reference Book: Elasticity in Engineering Mechanics

*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).

Ordering Examples: SEPHB-624-360-120-T4A, 360 W, 120V heating blanket with a high-limit thermostat temperature rating of 70°C (158°F), \$321.

SEPHB-612-180-120-T4A, 180 W, 120V heating blanket, \$259.

omega.co.uk[®]

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

www.omega.co.uk



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488
+44-(0)161-777-6611

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

FRANCE

www.omega.fr

0800-466-342

GERMANY

www.omega.de

Deckenfronn, Germany
0800-8266342

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters