Tempco’s Full Coverage Drum Blanket Heaters are designed to wrap around a drum and heat the contents while insulating to keep the heat exactly where it needs to be.

Full Coverage drum heaters combine the convenience of quick heat-up time and the precision of a digital controller to provide you with the practical, efficient means of freeze protection, viscosity control, and maintenance of materials at elevated temperatures.

**Design Features**

- Digital On-Off Controller Range:
  - For Metal Drums: 50°F to 450°F (10°C to 232°C)
  - For Poly Drums: 50°F to 160°F (10°C to 71°C)
- Facing and Liner Material: Silicone impregnated cloth
- Insulation: 1" thick Fiberglass
- Heated Area: Lower 67% (2/3)
- Unheated Area: Upper 33% (1/3)
- Maximum Exposure - Heating Surface: 500°F (260°C)
- Closure: Hook and Loop (similar to Velcro®)
- Grounded Heating Element
- Dielectric Strength: Over 2000VAC
- Power Cord: 120V: 6 ft. with standard NEMA 5-15 plug
  240V: 6 ft., No Plug
- Designed for Indoor Use only

**Typical Applications**

- Viscosity Control
- Freeze Protection
- Melting of Solids
- Heat up drum contents to a desired temperature
- Thermal Mixing

**55 Gallon Single Zone Full Coverage**

Dual Zone Drum Blanket Heaters include two independently controlled and wired heater sections for better uniformity, control and higher wattage.
**Full Coverage Drum Blanket Heaters**

**Design Features**
- Compatible with any 55 gallon drum heater
- Reduces heat loss
- Improves uniformity
- Similar construction as the Full Coverage Drum Blanket Heater
- Designed for indoor use

**Ordering Information**

- **Drum Blanket Heaters** are ordered by Part Number.
  - Available set up for °C. Consult Tempco.
  - Standard lead time is 3 weeks.

**Standard Full Coverage Blanket Heaters**

<table>
<thead>
<tr>
<th>Gallon Size</th>
<th>Drum Material</th>
<th>Diameter in mm</th>
<th>Number of Zones</th>
<th>Total Wattage</th>
<th>Part Number 120 VAC</th>
<th>Part Number 240 VAC</th>
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<tbody>
<tr>
<td>55</td>
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<td>22.3</td>
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<td>DHB00101</td>
<td>DHB00201</td>
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<td>DHB00202</td>
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<td>870</td>
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<td>DHB00203</td>
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<td>2</td>
<td>3200</td>
<td>—</td>
<td>DHB20201</td>
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</tbody>
</table>

**Full Coverage Drum Insulation Blanket & Accessories**

- **55 Gallon Drum Full Coverage Insulation Blanket**

**Ordering Information**

- **Drum Blankets** are ordered by Part Number.
  - Standard lead time is 2 to 3 weeks.

### Part Number Description

- **DHB00055**: 55 gallon, 22.3”/565 mm diameter Unheated Drum Insulation Assembly
- **DHB00001**: Insulation Cover for 55 gallon drum
- **DHB00002**: 6” (152 mm) wide extension strip for 55 gal. drums to fit up to 24.2” (615mm) diameter. Required for 55 gal. drums with removable lids.

(800) 323-6859 • Email: sales@tempco.com
The contents in Tote Tanks and Intermediate Bulk Containers (IBCs), such as honey, molasses, or lube oil, can be slow moving and uncooperative when the material is needed most, especially during winter. Heat allows the contents to flow at a manageable rate.

**Typical Applications**
- Viscosity Control
- Freeze Protection
- Temperature maintenance
- Melting of Solids
- Heat-Up Tote Tank / IBC contents to a required temperature
- Thermal Mixing

**Design Features**
- Two Styles: WCT1 Wraparound Full Coverage Blanket Heater
- WCT2 Heating Pad that is placed underneath the Tank/Bladder
- Does not contaminate or scorch your product
- Durable and Long Lasting
- Variety of Standard Sizes and Made-to-Order

**WCT1 Wraparound Full Coverage Blanket**

**How to measure your Tote Tank / IBC**
1. Measure the height of the Tote Tank/IBC, not including the pallet or support.
2. Measure the length and width of the tank. This determines the tank perimeter.

$$\frac{\text{length}}{2} + \frac{\text{width}}{2} = \text{perimeter}$$

**Note:** If the tank perimeter measurement is below 160” (4064 mm) or above 192” (4877 mm), contact Tempco for a Made-To-Order recommendation.
WCT1 Wraparound Full Coverage Blanket Heater

- Designed for caged, plastic, or metal tote tanks /IBCs
- Wraparound blanket design allows you to heat a tote tank / IBC from the outside to avoid contamination inside
- Does not contaminate or scorch your product
- Two separate heat zones allow you to adjust heater output when content levels decrease

Control each zone with dual thermostats. Protect contents with manual reset high limit safety thermostats.

Fits several Tote Tank sizes with adjustable nylon straps and buckles

Design Features
- Full coverage plug-and-play system
- Fits any tote tank from 40” x 40” (1016 mm x 1016 mm) to 48” x 48” (1219 mm x 1219 mm)
- Three standard height sizes: 36” (914 mm), 42” (1067 mm) and 48” (1220 mm)
- Two separate heat zones (top and bottom)
- Adjustable thermostat: 50-160°F (10-71°C)
- Built-in manual reset high-limit safety thermostat set at 195°F (91°C) for each heat zone
- Attachment method: adjustable nylon straps with buckles (Two across the top and three around the tank)
- Silicone impregnated cloth facing and liner
- 1/4” (6 mm) fiberglass insulation
- “Mouse hole” designed for spigot
- Grounded for your safety
- 120 or 240VAC
- Total wattage: 120VAC = 1440 watts
  240VAC = 2880 watts
- Power cord 6 ft. (1.8M) long with standard 3-prong power plug:
  120VAC (NEMA 5-15), 240VAC (NEMA 6-15)
- Optional insulated top cover (reduces heat loss and accelerates heat-up)

Standard WCT1 Wraparound Full Coverage Blanket

<table>
<thead>
<tr>
<th>Height in mm</th>
<th>Tank Perimeter Minimum in mm</th>
<th>Tank Perimeter Maximum in mm</th>
<th>Weight in lb</th>
<th>Wattage in watts</th>
<th>Voltage</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>36 914</td>
<td>160 4064</td>
<td>192 4877</td>
<td>34 15</td>
<td>1440</td>
<td>120</td>
<td>WCT10101</td>
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<tr>
<td>36 914</td>
<td>160 4064</td>
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<td>34 15</td>
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<td>42 1067</td>
<td>160 4064</td>
<td>192 4877</td>
<td>40 18</td>
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<td>48 1220</td>
<td>160 4064</td>
<td>192 4877</td>
<td>46 21</td>
<td>1440</td>
<td>120</td>
<td>WCT10103</td>
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<tr>
<td>48 1220</td>
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<td>192 4877</td>
<td>46 21</td>
<td>2880</td>
<td>240</td>
<td>WCT10203</td>
</tr>
</tbody>
</table>

Ordering Information
Select the part number of the full coverage blanket heater that matches your requirements.

Standard lead time is 3 weeks.
Available set up for °C. Consult Tempco.

(800) 323-6859 • Email: sales@tempco.com
Tote Tank Heaters

Series WCT2 Silicone Rubber Heater Pad and Control — Used under Tote Tanks and IBCs

- Ideal for a wide range of outdoor and indoor caged tote tank / IBC heating applications.
- Quick heat-up time due to direct surface contact underneath plastic bladder.
- Non-invasive heat: Does not contaminate or scorch your product.
- Your choice of either Tempco’s PCT-2000 Non-Indicating Temperature Control or PCT-3000 Digital TEC-220 based PID Temperature Control.

Design Features
- Includes either Tempco’s PCT-2000 Non-Indicating Dual °F/°C Scale Temperature Control (indoor use) or PCT-3000 Digital TEC-220 based PID Temperature Control (indoor/outdoor use). Easy plug-and-play connections
- Wire-wound heating element is uniformly placed to maximize heat distribution
- Heating element is laminated between two extra-thick layers of 20 mil fiberglass reinforced silicone rubber
- Type K thermocouple built in to IBC heating pad
- Moisture and chemical resistant silicone rubber heating pad
- Weight-absorbent 1/2” (13 mm) thick foam pad
- 180°F (82°C) maximum exposure temperature
- Heater pad leads 6 ft. (1.8m) long with power and thermocouple plug
- Temperature control input power cord is 6-foot (1.8m) long with standard three-prong plug
120VAC (NEMA 5-15), 240VAC (NEMA 6-15)

Standard WCT2 Tote Tank / IBC Heater Pads and Controls

<table>
<thead>
<tr>
<th>Heater Size</th>
<th>Wattage</th>
<th>Volts</th>
<th>Setpoint Range</th>
<th>System Part Number</th>
<th>Replacement Controller Part Number</th>
<th>Replacement Heater Assembly Part Number</th>
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<tbody>
<tr>
<td>32&quot; x 36&quot;</td>
<td>1600</td>
<td>120</td>
<td>0 – 175°F</td>
<td>WCT20101</td>
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<td>32&quot; x 36&quot;</td>
<td>3200</td>
<td>240</td>
<td>0 – 175°F</td>
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<td>PCT20007</td>
<td>SHS02213</td>
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</table>

Installs Underneath the Bladder for Rapid Heat-Up