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.

**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

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

**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.
   
   \[
   \frac{\text{length}}{\text{width}} \times 2 + \frac{\text{length}}{\text{width}} \times 2 = \frac{\text{perimeter}}{\text{perimeter}}
   \]

   **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
- Wrapparoud 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

**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</th>
<th>Tank Perimeter Minimum in</th>
<th>Tank Perimeter Maximum in</th>
<th>Weight lb</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>914</td>
<td>160</td>
<td>34</td>
<td>1440</td>
<td>120</td>
<td>WCT10101</td>
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<tr>
<td>36</td>
<td>914</td>
<td>160</td>
<td>34</td>
<td>2880</td>
<td>240</td>
<td>WCT10201</td>
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<tr>
<td>42</td>
<td>1067</td>
<td>160</td>
<td>40</td>
<td>1440</td>
<td>120</td>
<td>WCT10102</td>
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<td>42</td>
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<td>160</td>
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<td>2880</td>
<td>240</td>
<td>WCT10202</td>
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<td>1220</td>
<td>160</td>
<td>46</td>
<td>1440</td>
<td>120</td>
<td>WCT10103</td>
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<td></td>
<td></td>
<td></td>
<td>2880</td>
<td>240</td>
<td>WCT10203</td>
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</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.*

**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)
Tote Tank Heaters

Industrial Process 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 5-foot (1.5m) 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>
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<td>PCT30005</td>
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<tr>
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<td>240</td>
<td>0 - 175°F</td>
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<td>PCT30006</td>
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<tr>
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PCT-2000 Series

Installs Underneath the Bladder for Rapid Heat-Up

PCT-3000 Series

View Product Inventory @ www.tempco.com