

### WCT - Tote Tank/IBC Heater Systems

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*

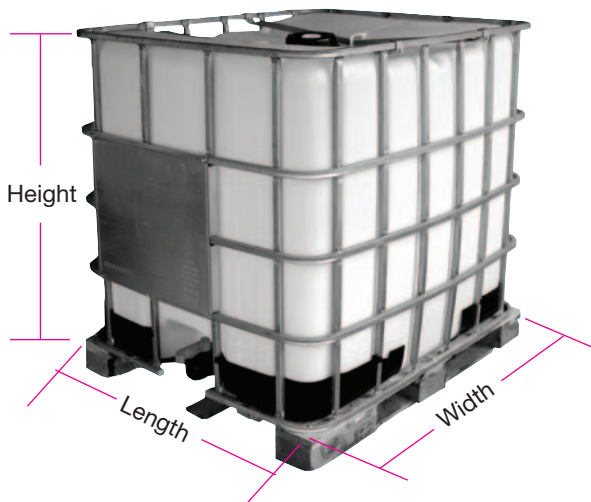


#### Typical Applications

- *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.

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

**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
- 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

Height	Tank Perimeter		Tank Perimeter		Weight		Wattage	Voltage	Part Number
	Minimum	Maximum	Minimum	Maximum	lb	kg			
36	160	192	4064	4877	34	15	1440	120	WCT10101
36	160	192	4064	4877	34	15	2880	240	WCT10201
42	160	192	4064	4877	40	18	1440	120	WCT10102
42	160	192	4064	4877	40	18	2880	240	WCT10202
48	160	192	4064	4877	46	21	1440	120	WCT10103
48	160	192	4064	4877	46	21	2880	240	WCT10203

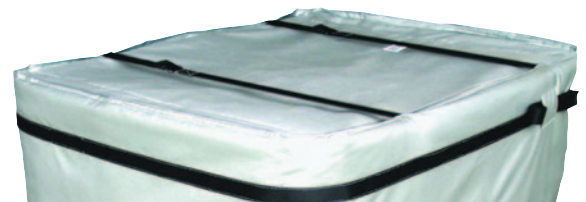
#### Ordering Information

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.

#### Insulated Tote Tank / IBC Top Cover Part Number WCT90001



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

### 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.

PCT-2000 Series



PCT-3000 Series



#### 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)

Installs Underneath the Bladder for Rapid Heat-Up



#### Standard WCT2 Tote Tank / IBC Heater Pads and Controls

Heater Size	Wattage	Volts	Setpoint Range	System Part Number	Replacement Controller Part Number	Replacement Heater Assembly Part Number
32" x 36"	1600	120	0 - 175°F	WCT20101	PCT30005	SHS02858
32" x 36"	3200	240	0 - 175°F	WCT20201	PCT30006	SHS02859
32" x 36"	1600	120	0 - 175°F	WCT20102	PCT20006	SHS02858
32" x 36"	3200	240	0 - 175°F	WCT20202	PCT20007	SHS02859