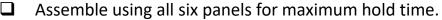
Cool Cube'

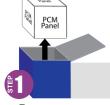
Call for (608) 526-6901



- Prep the PCM (phase change material) panels before use according to one of the described methods provided by VeriCor.
- Ensure all components are clean and free of damage.
- Lay panels flat when turning them solid (to disperse liquid throughout the panel).
- Enable ample air flow around all panel sides.
 - Use spacers (pencils) or racks. \rightarrow
- Freezing/melting times vary depending on number of panels being prepped and equipment being used.



- Using less panels does not change the holding temperature, but does decrease the hold time.
- Panels are reusable (10,000+ cycles).
 - End-of-life disposal: Panels are a plastic #2, typically recycled by businesses/communities. PCM is nontoxic and readily biodegradable.
- Use a calibrated data logger or other temperature monitoring device to observe internal temperature.
- Avoid unnecessary opening of the Cool Cube™ after loading payload. Opening of the Cool Cube™ will decrease hold time.
- An infrared temperature thermometer can assist in ensuring the panels reach a safe pack-out temperature (good for finding out the approximate temperature of each panel).
- The farther the ambient temperatures are from the melting point, the quicker PCM will change states (solidify/liquefy).

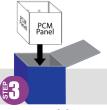


Remove PCM Panels

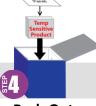


Prep **PCM** Panels

Various methods based on type of panel, equipment available & purpose.



Assemble **PCM Panels**

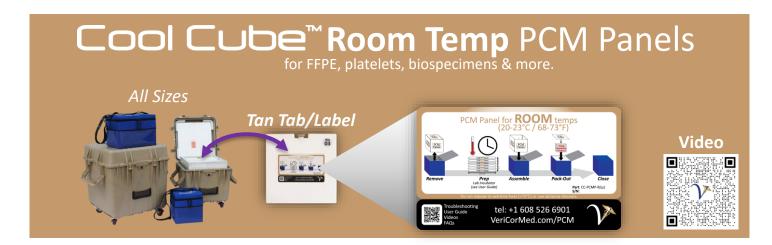


Product

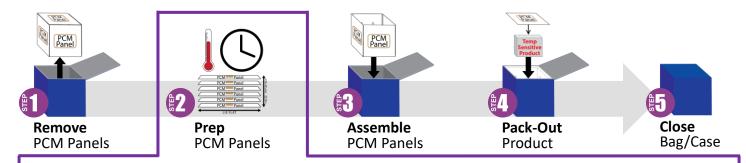


Close Bag/Case





Prep Method C: Lab Incubator Prep to keep product warm



This prep is for when the Cool Cube™ will be used in cold conditions (below 15°C).

Panel Prep

- **2.1** Place panels in a lab incubator 23-24°C for at least 24 hours before use so the PCM (phase change material inside the panel) is liquid.*
 - * Panels may be stored in the fridge until needed for assembly or the PCM solidifies. If an incubator maintains 23°C or above, the PCM within the panels will not get solid (the solidifying point is 21.5°C), keeping the PCM liquid indefinitely until pack-out. Liquid panels will protect the product from getting cold until the PCM inside becomes completely solid.
- 2.2 Shake panels to verify the PCM is liquid. If they are solid, restart at step 2.1 to ensure the longest hold time. Liquid PCM panels will prevent the product from getting cold (at room temps) in a cold environment the longest. Using solid PCM or panels with a solid/liquid combination decreases the hold time.

