

Controlled Room Temperature CRT Packs

Application

Controlled Room Temperature (CRT) Packs are designed and manufactured for shipping of products at controlled room temperature while providing protection from extreme hot and cold ambient conditions.

For Hot Ambient Conditions

Ambient conditions are considered “hot” when the shipping box during transit is exposed to high temperatures of 35°C (95°F) or more, for long durations.

Instructions for pack-out:

1. Set the refrigerator to 15°C (60°F). Place the CRT Packs flat on a metal tray. Check for leaks while the packs are in a liquid state. Dispose of any leaky packs.
2. Position the tray in the refrigerator. Multiple trays can be conditioned at the same time if there is adequate and unblocked air circulation over the surface of the CRT Packs.
3. Allow the CRT Packs to charge for at least 24 hours before use. The CRT packs must feel completely solid after conditioning.
4. Prepare the shipping box for pack-out. Place one CRT Pack at the bottom of the shipping box. Place the payload to be shipped on top of the pack. Position the second CRT Pack flat on top of the payload and shut the box. Pack-out instructions may vary based on need.
5. The pack-out and labeling operations should be executed in a controlled room temperature environment not exceeding 18°C (65°F). Use additional caution while handling the conditioned CRT Packs. They can be damaged if dropped while in a solid state.
6. After pack-out, leave the shipping boxes in the temperature-controlled room until they are ready for pick up.

For Cold Ambient Conditions

Ambient conditions are considered “cold” when the shipping box during transit is exposed to low temperatures of 10°C (50°F) or less, for long durations.

Instructions for pack-out:

1. Store the CRT Packs in a controlled room temperature environment in the range of 20 to 25°C (68 to 77°F).
2. Allow the CRT Packs to charge for at least 24 hours before use. The CRT packs must feel completely liquid after conditioning. Check for leaks while the packs are in a liquid state. Dispose of any leaky packs.
3. Prepare the shipping box for pack-out. Place one CRT Pack at the bottom of the shipping box. Place the payload to be shipped on top of the pack. Position the second CRT Pack on top of the payload and shut the box. Pack-out instructions may vary based on need.
4. The pack-out and labeling operations should be executed in a controlled room temperature environment of 20 to 25°C (68 to 77°F). Use additional caution while handling the conditioned CRT Packs.
5. After pack-out, leave the shipping boxes in the temperature-controlled room until they are ready for pick up.

CAUTION

- DO NOT boil, microwave, or flash freeze the CRT Packs. Excessive heating or cooling can lead to over expansion or contraction of the product and may damage the pack.
- DO NOT drop the solid packs after conditioning as the impact may damage the pack.
- HANDLE WITH CARE. Check for leaks when the packs are in a liquid state and dispose of any leaky packs as per instructions.
- CRT Packs solidify as ambient temperatures fall below 18°C (65°F) and liquefy as ambient temperatures rise above 18°C (65°F). The product's optimal operating range is 15°C to 30°C (60°F to 80°F).
- Please refer to the product SDS for detailed instructions on disposal, containment of spills, inhalation, contact with skin or eyes, or ingestion.