



Cold Shipping Package by FedEx: Instructions for NanoCool Activation

NanoCool® technology does not require refrigeration of your package or cooler prior to use. Your products should be cold (2–8°C) prior to packing.

To start the cooling process:

1. Open the package, remove the item with the silver foil (this is the cooler) and place it, foil side down, on a hard, flat, clean surface. The white actuator button should be pointing upward. *(Figure 1)*
2. In one motion, press straight down on the actuator button with a thumb (not a sharp object). Only a moderate amount of force is necessary to depress the actuator. *(Figure 2)*

Within about 20 seconds of depressing the actuator, the NanoCool logo should turn blue indicating that the cooling action has begun. Confirmation of the cooling action should be performed by touching the surface of the cooler near the button.

3. Pack your product in the payload compartment. *(Figure 3)*
4. Replace the cooler in its original position. Press firmly and evenly to ensure a snug fit. *(Figure 4)*
5. Close the package and insert the flaps. Tape the lid shut in the appropriate locations. *(Figure 5)*

Your package is now ready for shipment!



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5

Packaging tips

- If adding filler such as paper, bubble wrap or peanuts, make sure there is space so cool air can circulate from the cooler lid.
- If adding a temperature monitor, keep it as near to your product as possible. Do not allow it to touch the cooler lid, and avoid placing it in the corners. Remember that depending on the packout, product and monitor can move during shipment.
- As with all cooling elements, there can be some modest condensation on the cooler lid. If product protection against condensation is desired, two common approaches are to place your product into a plastic bag or place absorbent material on top of your product.
- Dry ice should not be used with the cold shipping package provided by FedEx.

Storage procedures

The NanoCool® Shipping System should be stored in a clean, dry location. The ambient temperature should be between 17 and 25°C (63 to 77°F). Storing NanoCool Shipping Systems above 25°C could reduce the shelf life of the system. Do not place NanoCool Shipping System in a freezer because water in lid could freeze and cause system failure.

Dangerous goods

The shipper is responsible for determining whether the shipment contains regulated dangerous goods or hazardous materials.

For those shipments containing regulated dangerous goods/hazardous materials, the shipper is responsible for correctly preparing the shipment according to the current International Air Transport Association (IATA) and International Civil Aviation Organization (ICAO) dangerous goods regulations. This includes correct identification, classification, packaging, dangerous goods markings and labeling as well as completion of all pertinent and required documentation.

The shipper is the individual or entity who is preparing and/or offering the shipment.

Disposal and recycling

Recycle or dispose of in accordance with local, state and federal regulations.

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More info

- Contact your FedEx account executive
- Go to fedexcoldshipping.fedex.com
- Call the cold shipping hotline at **1.813.612.6010**