Frozen shipping made simple

Need to safely and cost-effectively ship your high-end, temperature-sensitive biogenetics and biomaterials to destinations around the globe? **Here's an easy, worry-free solution.**

The **FedEx® Deep Frozen Shipping Solution,** part of the FedEx Temp-Assure® portfolio that supports temperature-controlled shipments, couples innovative liquid nitrogen dry vapor technology with end-to-end shipment monitoring and visibility for superior integrity and security for your high-value frozen shipments worldwide.

Peace of mind

The FedEx Deep Frozen Shipping Solution offers you several advantages over dry-ice shipping, including:

- **Longer hold times.** The solution provides you with up to 10 days of holding time (below -150°C) to support complex international moves and eliminate sublimation and the need for re-icing that's required with dry ice shipments.

- **Regulatory compliance.** The non-hazardous dry shipper meets International Air Transport Association (IATA) requirements for both infectious substances (UN3373) and non-infectious clinical samples. You can also ship biomaterials that are classified as dangerous goods.

- **Inventory elimination.** You won't need to purchase, inventory or manage insulated boxes and dry ice or train personnel on handling hazardous materials.

- **Advanced tracking, monitoring and care.** With every shipment, you automatically receive the FedEx Priority Alert™ service that provides proactive monitoring and intervention, if needed, from origin to destination.

With the FedEx® Deep Frozen Shipping Solution, you get the most sophisticated technology for your frozen shipments in just a few easy steps:

Place your order online through a customized, secure FedEx portal.

FedEx delivers the dry shipping container, pre-charged, to your pickup point.

Load your materials into the container and apply the shipping label provided.

FedEx picks up the shipment and delivers it to the recipient.

The recipient unpacks the materials and prepares return shipment of empty container using the label provided.

FedEx picks up the empty container and returns it to a recharging station.

Safe, reliable and earth-friendly

Enjoy all the other advantages that the innovative FedEx Deep Frozen Shipping Solution has to offer, including:

- **Reliability.** Receive proactive shipment monitoring from FedEx every step of the way to ensure end-to- end security and integrity.

- **Flexibility.** Choose the FedEx Express® service that best suits your domestic delivery needs — from urgent to less critical.

- **Visibility.** Enter your order and track the shipment anywhere in the world via a customized, secure FedEx portal.

- **Earth-friendly.** Reduce impact on the environment as the dry shipper is recycled with negligible and fully recyclable cardboard waste and liquid nitrogen evaporates harmlessly.

	Traditional dry-ice shipments	FedEx® Deep Frozen Shipping Solution
Container considered non-dangerous goods and eliminates need for licensed handler?	No	✓
Includes pre-arranged shipment logistics?	No	✓
Has up to 10 days of holding time to accommodate international travel?	No	✓
Requires no inventory to buy and maintain?	No	✓
Exempted from quantity restrictions on aircraft?	No	✓
Made of recyclable materials?	No	✓

Variety of sizes

Choose the dry shipper that best suits your needs:

- **Standard dry shipper,** for quantities of approximately 75 1.8 or 2.0 milliliter vials.

- **Large-volume dry shipper,** for quantities of approximately 500 1.8 or 2.0 milliliter vials.

		Standard dry shipper	Large-volume dry shipper
Specimen chamber			
	Diameter	2.8”	8.5”
	Depth	11.5”	12”
Storage capacity		75 of 1.8 and 2.0 ml vials	5 Cryovial boxes (5“x 5”x 2“) – 81 2.0 ml vials per box
		15 canes with 5 vial clips	5 Cryovial boxes (5.25”x 5.25“x 2”) – 100 2.0 ml vials per box
		75 cryovials, 2.0 ml	6 Tyvek bags – 15 5-vial canes per bag
Weight			
	Dry	15 lbs.	50 lbs.
	Wet	20 lbs.	71 lbs.
	Domestic dimensional	21.07 lbs.	79.68 lbs.
	International dimensional	24.87 lbs.	94.01 lbs.
Outer box		12” x 24”	22” x 27”

More info
- Contact your FedEx account executive
- Go to **fedex.com/healthcare**
- Call **1.800.GoFedEx 1.800.463.3339**