



UPS Healthcare

# UPS Cold Chain Packaging



## Thermal protection variations:

non-controlled,  
+2°C to +25°C,  
+15°C to +25°C,  
+2°C to +8°C,  
+15°C to -25°C,  
Up to -79°C,  
Dry Ice

## Our value to you:

- Broad portfolio of Industry Leading packaging and technology solutions with top tier audited and preferred suppliers
- Consulting and Specialty Services
- Optimize packaging and technology needs to eliminate waste and reduce cost



## Protecting your temperature sensitive shipments safely

When it comes to your patient, ensuring product efficacy and safe transit has never been more important. UPS Healthcare has simplified the process for your company to leverage best in class cold chain assets.

We have a **broad portfolio of packaging** and **thermal monitoring technology** including single use, reusable and eco-friendly options.

We provide packaging and technology that is qualified to the UPS network, ISTA 7D and other industry standards. We service our customers with our expertise for their smallest parcels through to their largest freight shipments, to ensure healthcare products arrive at the right location, within the right time, in compliance, and in the right temperature condition.

## Alternatives

### Temperate

+2°C to +25°C

Common product examples:

General pharma, generic pharma, ...

### Controlled Room Temperature CRT

+15°C to +25°C

Common product examples:

General pharma, generic pharma, active pharmaceutical ingredients, chemicals, medical devices, ...

### Cold

+2°C to +8°C

Common product examples:

Insulin, vaccines, blood fractions, clinical trial materials, hormones, Protein Reagents, Diagnostic & other Pharmaceuticals, API, ...

### Frozen

-15°C to -25°C

Common product examples:

Blood fractions, plasma, vaccines, clinical trial materials, whole blood or cell media, diagnostics, API, ...

### Deep Frozen

Up to -79°C  
Dry Ice

Common product examples:

Clinical products, Covid-19 Vaccine, life cell vaccine, clinical trial materials, blood samples, ...

## UPS Cold Chain Packaging and Technology expertise for your temperature-sensitive shipments

As the number of temperature-sensitive products continues growing, so does the demand. The corresponding increase in regulations adds to the complexity and expense of shipping these high-value, perishable healthcare products. Maintaining the integrity and efficacy of these pharmaceuticals, biologics, vaccines, blood products and medical devices therefore requires expertise knowledge of cold chain transportation and regulatory compliance to reduce the risk of loss, damage, delays and reshipments. And without efficient and most optimized packaging to help protect your valuable shipments, it can be difficult to keep control on your total cost picture.

**What if you could rely on a healthcare logistics expert to recommend solutions that help protect your products and support your regulatory compliance so your staff can focus on business?**

**What if you could simplify and centralize package sourcing and locate a one-stop-shop from which you could leverage proven solutions for your temperature sensitive shipping needs?**

With UPS Cold Chain Packaging and Technology, you can. Backed by extensive temperature profiling studies of the UPS small package network that replicate real-world transit conditions, our cold chain and thermal management expertise offers the most extensive world-class packaging consulting services across all transportation modes from a small temperature controlled parcel to multi-pallet shipments.

The result is customized or specialty packaging — compliance and peace of mind.



### Next steps

Contact your account manager with a minimum of 3 following informational points:

1. Temperature range of the product to be shipped
2. Product load (payload) dimensions
3. Shipping lane information (domestic, regional, world wide, ...)

Your account manager will provide a quote or forward to Temperature Protection Services for a custom solution.

Get in touch with an expert:  
[upspackaging@ups.com](mailto:upspackaging@ups.com)