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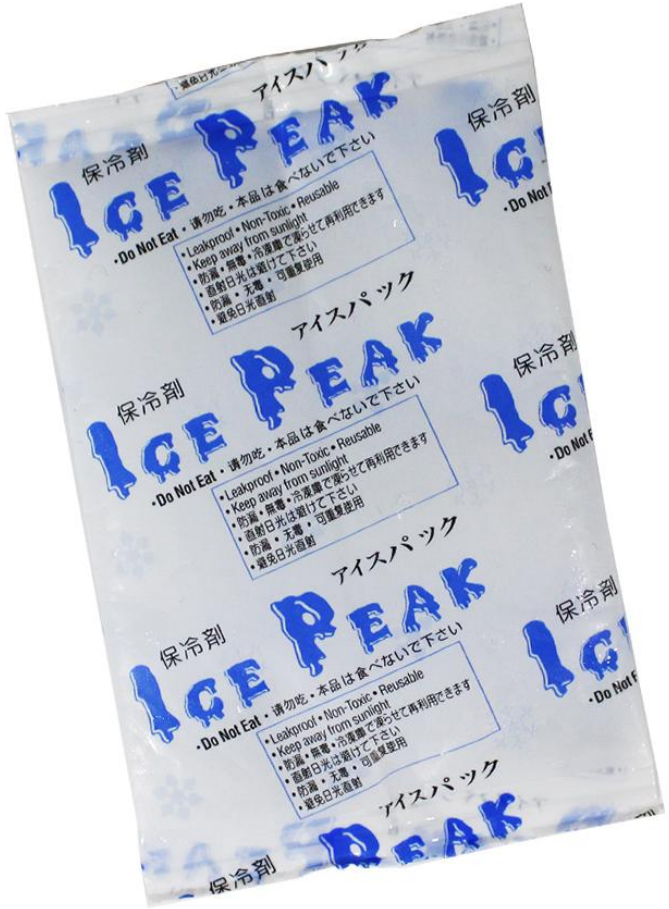
ICE PEAK
Ice Gel Pack

Product Description

Ice Peak® Ice Gel Pack is a reusable refrigerant gel pack for temperature-sensitive products during storage and transportation. Filled with a non-toxic, food-safe refrigerant gel and sealed in durable Japan-grade polybag packaging, it helps maintain low temperatures as a reusable alternative to conventional ice.

Manufactured in Singapore under ISO 9001 and ISO 14001 standards, Ice Peak is suitable for food, pharmaceutical, chemical, and other cold chain applications. Its FDA-approved formulation allows direct contact with food, while its robust construction supports repeated reuse without compromising performance.

For enhanced cold chain protection, Ice Peak is commonly paired with thermal insulation boxes to improve temperature retention and temperature indicators to provide visual evidence of temperature exposure throughout the journey. Together, these solutions help maintain product quality, improve temperature control and support cold chain integrity throughout storage and transport.



Why Choose Ice Peak?

Designed for Reuse

Unlike conventional ice, Ice Peak® Ice Gel Pack is designed for repeated reuse.

Its durable Japan-grade packaging withstands repeated freezing and thawing, allowing the gel pack to be reused across multiple shipments without compromising performance.

By extending the service life of each gel pack, businesses can reduce replacement frequency, minimise packaging waste, and improve the efficiency of temperature-controlled storage and transportation.

Business Benefits

- Lower replacement frequency
- Reusable across multiple shipments
- Durable Japan-grade packaging
- Suitable for temperature-controlled storage and transportation

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Key Features

- FDA-approved for direct contact with food
- Durable Japan-grade nylon/PE packaging
- Leak-resistant construction
- Non-toxic, food-safe refrigerant gel
- Manufactured in Singapore under ISO 9001 and ISO 14001 standards
- Low-irritation, low-toxicity formulation for safer handling

Applications

Industries

- Food & Beverage
- Pharmaceutical & Healthcare
- Chemical

Use Cases

- Temperature-Controlled Storage
- Temperature-Controlled Transportation

Product Specifications

Reference No.	Weight	Bag Size	No. of Bags per Carton	Sealing
TIP02	20 g	90 mm (L) × 75 mm (W)	300	3-side seal
TIP04	40 g	115 mm (L) × 75 mm (W)	200	Centre seal
TIP22C	220 g	163 mm (L) × 175 mm (W)	25	Centre seal
TIP24	240 g	163 mm (L) × 175 mm (W)	25	Centre seal
TIP34C	340 g	163 mm (L) × 175 mm (W)	20	Centre seal
TIP50C	500 g	163 mm (L) × 175 mm (W)	20	Centre seal
TIPA1C	1000 g	270 mm (L) × 175 mm (W)	10	Centre seal

Additional Information	
Packaging Material	Nylon/PE
Thickness of Packaging Material	75 microns
Sealed Width	Approx. 9–12 mm

Build a Complete Cold Chain Solution

Ice Peak® Ice Gel Pack helps maintain low temperatures during storage and transportation.

Pair it with thermal insulation boxes to extend cooling performance, temperature indicators for visual evidence of temperature exposure, or temperature data loggers for continuous temperature monitoring and shipment records. Together, these solutions help protect temperature-sensitive products, strengthen cold chain visibility, and support quality assurance across the supply chain.

Temperature Data Loggers

Thermal Insulation Boxes

Temperature Indicator Labels

Digital Temperature Indicators

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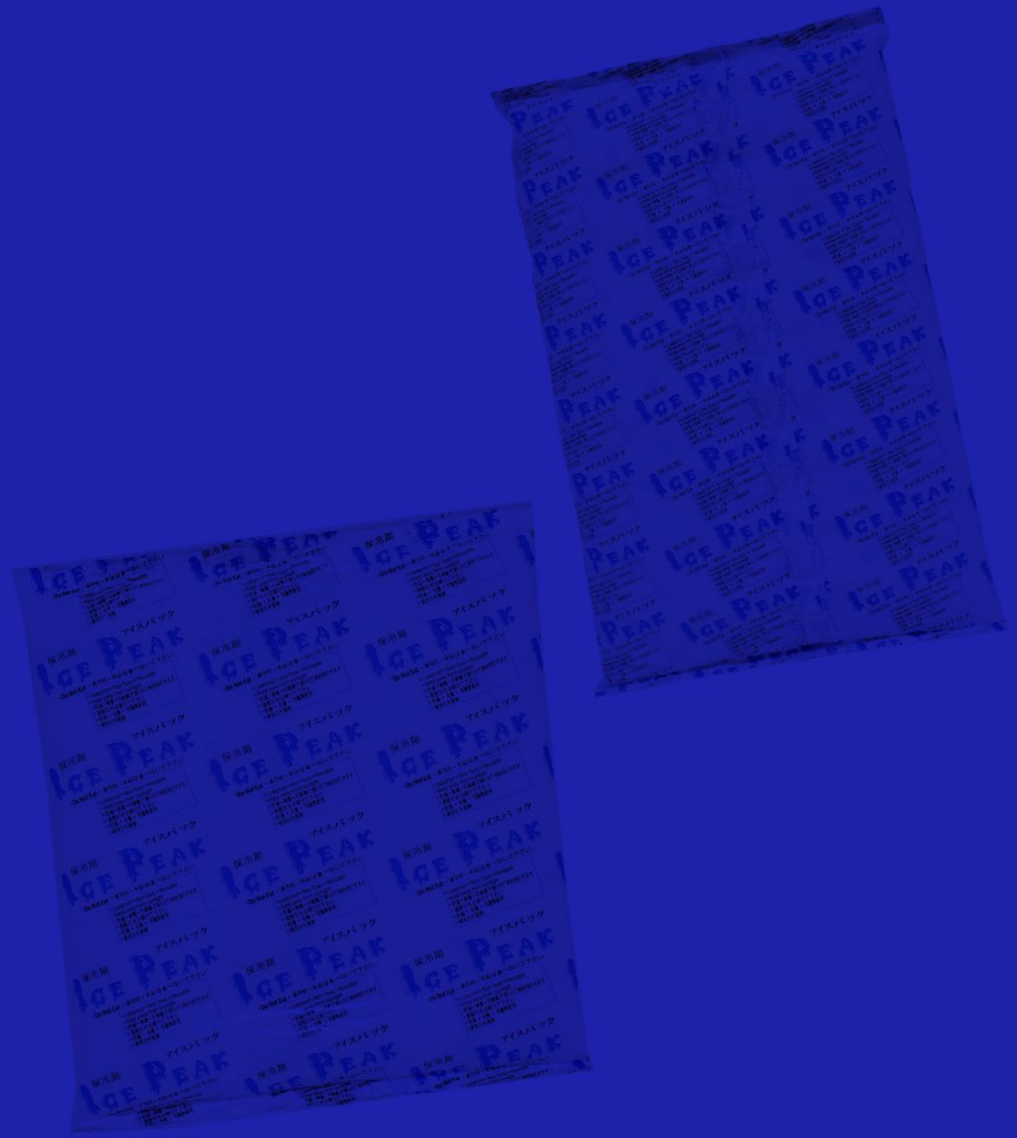

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