

# **Cold Chain Packaging Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027**

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## **Abstracts**

The global cold chain packaging market size reached US\$ 21.83 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 43.11 Billion by 2027, exhibiting a growth rate (CAGR) of 11.50% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

A cold chain refers to a temperature-controlled supply chain comprising storage, transportation and distribution facilities for perishable goods, such as vaccines, chemicals, biologics, lab samples, diagnostic materials, seafood, meats, and dairy products. It relies on packaging solutions like refrigerant bricks, gel packs and bottles, thermal trolleys, and insulated containers, covers, and envelopes to keep products cold, improve transportation efficiency, and prevent waste and damage. As a result, cold chain packaging finds extensive applications in the pharmaceutical and food and beverage (F&B) industries across the globe.

### **Cold Chain Packaging Market Trends:**

The rising demand for temperature-sensitive products represents one of the key factors bolstering the growth of the market. Besides this, there is an increase in the utilization of pallets made using high-density polyethylene (HDPE), a material suitable for contact with food and storage of goods at room temperature and cold storage. Moreover, the escalating demand for special packaging solutions, which enable transportation of fishes in crushed ice to ensure that they do not escape outside when placed on the respective pads and offer protection if the ice melts, is strengthening the market growth. Besides this, pharmaceutical products are transported using isothermal polystyrene

(PS) containers with internal cooling cartridges to provide appropriate conditions for transport. This, along with the introduction of stringent guidelines for the safe storage and distribution of time- and temperature-sensitive pharmaceutical products (TTSPPs) from international health organizations, is impelling the market growth. Furthermore, leading players are offering thermally insulated tanks to transport liquid products, vulnerable to quality modifications due to temperature changes. This, coupled with recent advancements in cold-chain technology, is strengthening the market growth. Other factors, including significant growth in the food and beverage (F&B) industry and rapid globalization around the world, are driving the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global cold chain packaging market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on product and end user.

#### Breakup by Product:

##### Insulated Container and Boxes

Large

Medium

Small

X-Small

Petite

Crates

Dairy

Pharmaceutical

Fisheries

Horticulture

Cold Packs

Labels

Temperature Controlled Pallet Shippers

#### Breakup by End User:

Food

Dairy

Pharmaceutical

Others

### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cascades Inc., Chill-Pak, Cold Chain Technologies Inc., CoolPac, Creopack, Cryopak Industries Inc., DGP Intelsius Ltd., Pelican Products Inc., Sealed Air Corporation, Sofrigam, Softbox Systems Ltd. (CSafe Global LLC) and Sonoco Products Company.

### Key Questions Answered in This Report:

How has the global cold chain packaging market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global cold chain packaging market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global cold chain packaging market and who are the key players?

What is the degree of competition in the industry?

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