

Global Cold Chain Packaging Materials Market Size Study, by Material (Expanded Polystyrene (EPS), Polyurethane Rigid Foam (PUR), Paper & Paperboard, Others), by Product (Insulated Pallet Shippers, Insulated Containers, Vacuum Insulated Panels, Gel Packs, Others), by End Use (Fruits and Vegetables, Dairy Products, Pharmaceuticals, Processed Food, Others), and Regional Forecasts 2022-2032

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Abstracts

The Global Cold Chain Packaging Materials Market is valued at approximately USD 26.17 billion in 2023 and is poised to exhibit a robust growth trajectory with a CAGR of 12.6% during the forecast period from 2024 to 2032. Cold chain packaging materials are crucial for maintaining the integrity of temperature-sensitive products across diverse industries, including food, pharmaceuticals, and biotechnology. The escalating demand for safe and effective packaging solutions, driven by increasing global trade in temperature-sensitive goods, underscores the importance of innovation in this domain. Advanced packaging materials, such as insulated containers and vacuum-insulated panels, are enabling longer transit durations without compromising quality, enhancing the overall efficiency of supply chains.

The market's growth is fueled by the rise in global demand for fresh and frozen food, coupled with the growing pharmaceutical sector's need for temperature-controlled logistics. For instance, the surge in vaccine distribution, driven by global immunization initiatives, has significantly amplified the demand for efficient cold chain packaging materials. Key investments in research and development are focusing on eco-friendly and reusable packaging solutions, addressing environmental concerns while ensuring

product safety. However, the high initial investment costs and complexities in the supply chain infrastructure present challenges to market growth during the forecast period.

Geographically, the market's landscape is diverse, with North America holding a significant share in 2023, driven by well-established logistics networks and stringent regulatory standards for pharmaceutical and food safety. Europe also demonstrates robust growth, supported by increasing investments in sustainable packaging technologies and stringent environmental policies. Meanwhile, the Asia-Pacific region is anticipated to grow at the fastest rate over the forecast period, propelled by the expanding middle-class population, rapid urbanization, and increasing awareness regarding food safety and quality.

Major market players included in this report are:

Amcor plc

Sealed Air Corporation

Sonoco Products Company

Pelican BioThermal LLC

Cold Chain Technologies, LLC

Sofrigam SA

Cryopak Industries Inc.

Intelsius

Clariant AG

Softbox Systems Ltd

ACH Foam Technologies, LLC

DGP Intelsius LLC

Pactiv LLC

CSafe Global

Polar Tech Industries Inc.

The detailed segments and sub-segments of the market are explained below:

By Material:

Expanded Polystyrene (EPS)

Polyurethane Rigid Foam (PUR)

Paper & Paperboard

Others

By Product:

Insulated Pallet Shippers

Insulated Containers

Vacuum Insulated Panels

Gel Packs

Others

By End Use:

Fruits and Vegetables

Fruit & Pulp Concentrates

Dairy Products

Fish, Meat, Seafood

Processed Food

Pharmaceuticals

Bakery & Confectionaries

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Global Cold Chain Packaging Materials Market Size Study, by Material (Expanded Polystyrene (EPS), Polyurethane...

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscapes with country-level insights for major regions.

Competitive landscape with detailed information on major players in the market.

Analysis of key business strategies and recommendations for future market approaches.

Examination of competitive market structures.

Demand-side and supply-side analysis of the market.

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