

# Global Paperboard Cold Chain Cartons Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G5EC20833AB6EN.html>

Date: January 2026

Pages: 99

Price: US\$ 4,480.00 (Single User License)

ID: G5EC20833AB6EN

## Abstracts

The global Paperboard Cold Chain Cartons market size is expected to reach \$ 1230 million by 2032, rising at a market growth of 9.6% CAGR during the forecast period (2026-2032).

In 2024, global paperboard cold chain cartons production reached approximately 78,517 K unit, with an average global market price of around USD 8,000 per K unit. A factory gross profit of USD 2,400 per K unit with 30% gross margin. A single line full machine capacity production is around 500 K units per line per year. downstream demand is concentrated in retailer & distributors, pharmaceuticals and logistic providers. A seafood exporter in Southeast Asia uses foil-lined paperboard cold chain cartons to ship chilled fish to Europe. Ice packs sustain 0–4 °C for ~48–72 hours, preserving freshness and reducing spoilage. Paperboard cold chain cartons are specialized packaging, often corrugated board with foil/foam liners, designed to maintain specific temperatures for sensitive goods (like food/pharma) during shipping, combining the structural strength of paperboard with thermal insulation to create a passive system that slows heat transfer, protecting contents from spoilage.

This report studies the global Paperboard Cold Chain Cartons production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Paperboard Cold Chain Cartons and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Paperboard Cold Chain Cartons that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Paperboard Cold Chain Cartons total production and demand, 2021-2032, (K Units)

Global Paperboard Cold Chain Cartons total production value, 2021-2032, (USD Million)

Global Paperboard Cold Chain Cartons production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Paperboard Cold Chain Cartons consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Paperboard Cold Chain Cartons domestic production, consumption, key domestic manufacturers and share

Global Paperboard Cold Chain Cartons production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Paperboard Cold Chain Cartons production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Paperboard Cold Chain Cartons production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Paperboard Cold Chain Cartons market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sonoco Products Company, Mondi Group, Klabin S.A., Oji Holdings Corporation, Tetra Pak International, Amcor plc, Greatview Aseptic Packaging, Peli BioThermal, ITC Paperboards & Specialty Papers, PT Pura Barutama, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Paperboard Cold Chain Cartons market

**Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

**Global Paperboard Cold Chain Cartons Market, By Region:**

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

**Global Paperboard Cold Chain Cartons Market, Segmentation by Type:**

Insulated Paperboard Cartons

Foldable Cold Cartoons

Corrugated Cold Boxes

Flat Pack Cold Cartons

Others

## Global Paperboard Cold Chain Cartons Market, Segmentation by Material:

Virgin Fiber Paperboard

Recycled Paperboard

Hybrid Fiber Paperboard

Others

## Global Paperboard Cold Chain Cartons Market, Segmentation by Insulation Configuration:

Non Insulated Paperboard

Paperboard with EPS/ EPP Insert

Paperboard with Phase Change Material

Paperboard with Fiber Based Insulation

Others

## Global Paperboard Cold Chain Cartons Market, Segmentation by Application:

Fresh Food and Pharma Logistics

Dairy and Chilled Foods

Vaccines and Perishables

Fresh E Commerce Delivery

Others

## Companies Profiled:

Sonoco Products Company

Mondi Group

Klabin S.A.

Oji Holdings Corporation

Tetra Pak International

Amcor plc

Greatview Aseptic Packaging

Peli BioThermal

ITC Paperboards & Specialty Papers

PT Pura Barutama

**Key Questions Answered:**

1. How big is the global Paperboard Cold Chain Cartons market?
2. What is the demand of the global Paperboard Cold Chain Cartons market?
3. What is the year over year growth of the global Paperboard Cold Chain Cartons market?
4. What is the production and production value of the global Paperboard Cold Chain Cartons market?
5. Who are the key producers in the global Paperboard Cold Chain Cartons market?
6. What are the growth factors driving the market demand?

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