

Global Paperboard Cold Chain Cartons Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G35148A946AEEN.html>

Date: January 2026

Pages: 91

Price: US\$ 3,480.00 (Single User License)

ID: G35148A946AEEN

Abstracts

According to our (Global Info Research) latest study, the global Paperboard Cold Chain Cartons market size was valued at US\$ 646 million in 2025 and is forecast to a readjusted size of US\$ 1230 million by 2032 with a CAGR of 9.6% during review period.

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 is a detailed and comprehensive analysis for global Paperboard Cold Chain Cartons market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Paperboard Cold Chain Cartons market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Paperboard Cold Chain Cartons market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Paperboard Cold Chain Cartons market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Paperboard Cold Chain Cartons market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Paperboard Cold Chain Cartons

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Paperboard Cold Chain Cartons market based on the following parameters - company overview, sales quantity, revenue, 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.

Market Segmentation

Paperboard Cold Chain Cartons market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and

value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Insulated Paperboard Cartons

Foldable Cold Cartoons

Corrugated Cold Boxes

Flat Pack Cold Cartons

Others

Market segment by Material

Virgin Fiber Paperboard

Recycled Paperboard

Hybrid Fiber Paperboard

Others

Market segment by Insulation Configuration

Non Insulated Paperboard

Paperboard with EPS/ EPP Insert

Paperboard with Phase Change Material

Paperboard with Fiber Based Insulation

Others

Market segment by Application

Fresh Food and Pharma Logistics

Dairy and Chilled Foods

Vaccines and Perishables

Fresh E Commerce Delivery

Others

Major players covered

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

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Paperboard Cold Chain Cartons product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Paperboard Cold Chain Cartons, with price, sales quantity, revenue, and global market share of Paperboard Cold Chain Cartons from 2021 to 2026.

Chapter 3, the Paperboard Cold Chain Cartons competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Paperboard Cold Chain Cartons breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Paperboard Cold Chain Cartons market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Paperboard Cold Chain Cartons.

Chapter 14 and 15, to describe Paperboard Cold Chain Cartons sales channel, distributors, customers, research findings and conclusion.

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