+357 96 030922
info@marketpublishers.com

# Pharmaceutical Blister Packaging Market Forecasts to 2034 – Global Analysis By Material (Plastic, Aluminum Foil, Paper & Paperboard, Multi-layer Laminates, and Other Materials), Product Type, Technology, Drug Form, Application Type, End User and By Geography

https://marketpublishers.com/r/P4ED59E54707EN.html
Date: May 2026
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: P4ED59E54707EN

## Abstracts

According to Stratistics MRC, the Global Pharmaceutical Blister Packaging Market is accounted for $27.6 billion in 2026 and is expected to reach $49.8 billion by 2034, growing at a CAGR of 7.6% during the forecast period. Pharmaceutical blister packaging is a pre-formed plastic packaging solution that provides cavity spaces for solid dosage forms such as tablets and capsules. It offers excellent product protection, barrier properties against moisture and oxygen, and tamper evidence. Blister packaging enhances patient compliance through dose tracking, extends shelf life, and supports unit-dose dispensing. As a result, it remains a preferred choice for drug manufacturers, contract packagers, and pharmacies aiming for safety, convenience, and brand differentiation.

**Market Dynamics:**

**Driver:**

Rising demand for unit-dose packaging and patient compliance

The shift toward unit-dose blister packaging is being driven by the need to reduce medication errors and improve patient adherence, particularly in hospital and long-term care settings. Blister packs allow for clear labeling of day and time, enabling patients to follow complex dosage regimens accurately. For pharmaceutical manufacturers, unit-dose formats reduce waste and enable better inventory management. Additionally,

+357 96 030922
info@marketpublishers.com

regulatory bodies are encouraging dose-specific packaging to enhance safety. As the global population ages and chronic diseases become more prevalent, the demand for easy-to-use, pre-measured drug delivery systems like blister packs is growing rapidly, fueling market expansion.

**Restraint:**

High tooling costs and material limitations

The initial investment in blister packaging tooling, including forming dies and sealing plates, can be prohibitively expensive for small-batch or generic drug producers. Each new product or pack design requires custom tooling, leading to longer lead times and higher upfront costs. Furthermore, traditional materials like PVC have poor barrier properties, while high-barrier alternatives such as cold-form foil increase material expenses. The lack of recyclability for multi-layer laminates also poses environmental and regulatory challenges. These economic and material constraints limit the adoption of blister packaging, especially among price-sensitive generic drug manufacturers and contract packaging organizations.

**Opportunity:**

Growth of eco-friendly and recyclable blister materials

Increasing environmental regulations and consumer pressure are pushing packaging developers to create sustainable alternatives to traditional PVC and PVDC blisters. Innovations include mono-material polypropylene (PP) and polyethylene (PE) blisters that are fully recyclable, as well as paper-based and bio-plastic solutions. Major pharmaceutical companies are setting net-zero packaging goals, creating a strong demand for green blister technologies. Additionally, advancements in barrier coatings allow these eco-friendly materials to match the protective performance of conventional laminates. This shift presents a significant opportunity for material suppliers and packagers to differentiate themselves and capture sustainability-focused contracts.

**Threat:**

Supply chain volatility and raw material price fluctuations

The pharmaceutical blister packaging market is highly dependent on petrochemical-derived resins such as PVC, PVDC, and PE, as well as aluminum foil. Global

+357 96 030922
info@marketpublishers.com

disruptions—including energy crises, geopolitical tensions, and trade restrictions—have led to sharp fluctuations in raw material availability and pricing. This volatility squeezes profit margins for packaging converters and forces contract packaging organizations to renegotiate long-term agreements. Additionally, supply chain delays can interrupt drug production schedules, leading to shortages. Without diversified sourcing or material substitution strategies, companies remain vulnerable to cost instability, which threatens market growth and operational predictability.

**Covid-19 Impact:**

The COVID-19 pandemic initially disrupted the pharmaceutical blister packaging market due to lockdowns, labor shortages, and reduced production of non-essential drugs. However, the crisis rapidly accelerated demand for blister-packed emergency medications, vaccines, and over-the-counter remedies. Supply chain bottlenecks for aluminum and plastics caused temporary price spikes, but packaging manufacturers quickly adapted by increasing automation and securing multi-source raw material contracts. The pandemic also highlighted the importance of unit-dose packaging for infection control, as blisters reduce manual handling. Consequently, the market demonstrated resilience and entered a recovery phase with strengthened focus on supply chain robustness.

The plastic segment is expected to be the largest during the forecast period

The plastic segment is expected to account for the largest market share, driven by its lightweight nature, design flexibility, and cost-effectiveness. Polyvinyl chloride (PVC) remains widely used for standard drugs due to its excellent thermoforming properties, while polyvinylidene chloride (PVDC) offers enhanced moisture protection. PETG and PE are gaining traction for their clarity and sustainability profiles. Plastics enable high-speed thermoforming and transparent visibility of contents, which is critical for quality checks and patient reassurance.

The cold form blister packs segment is expected to have the highest CAGR during the forecast period

Over the forecast period, cold form blister packs are predicted to witness the highest growth rate, due to their superior barrier properties against moisture, oxygen, and light. Unlike thermoformed blisters, cold form packs use aluminum foil laminates that are deeply drawn without heat, preserving drug stability for highly sensitive molecules such as biologics and hormones. The rise of personalized medicine and potent APIs requires

+357 96 030922
info@marketpublishers.com

near-absolute protection, making cold forming indispensable.

**Region with largest share:**

During the forecast period, the North America region is expected to hold the largest market share, driven by a well-established pharmaceutical industry, high prescription drug consumption, and stringent FDA requirements for child-resistant and senior-friendly packaging. The presence of major drug manufacturers and contract packaging organizations in the US and Canada supports continuous innovation. Additionally, a strong focus on patient compliance and medication adherence programs encourages the use of unit-dose blister packs.

**Region with highest CAGR:**

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, fueled by expanding pharmaceutical production in China and India, rising generic drug consumption, and increasing healthcare access in Southeast Asia. Rapidly growing contract manufacturing and packaging sectors are adopting modern blister lines to serve both domestic and export markets. As disposable incomes rise and chronic diseases increase, demand for packaged OTC and prescription drugs accelerates blister adoption.

**Key players in the market**

Some of the key players in Pharmaceutical Blister Packaging Market include Amcor plc, Constantia Flexibles, Tekni-Plex, Inc., Sonoco Products Company, WestRock Company, Huhtam?ki Oyj, Kl?ckner Pentaplast Group, ACG Pharmapack Pvt. Ltd., AptarGroup, Inc., Perlen Packaging, Honeywell International Inc., Bilcare Research Inc., Winpak Ltd., UFlex Ltd., and Ecobliss Pharmaceutical Packaging.

**Key Developments:**

In March 2026, Amcor announced the launch of its new recyclable PE-based blister film designed for over-the-counter drugs, offering high moisture barrier without PVC or PVDC. The product is compatible with existing thermoforming lines and has received validation from multiple European contract packagers.

In January 2026, Tekni-Plex expanded its manufacturing facility in Suzhou, China, to increase production of cold-form blister foils by 40%. This expansion aims to meet

+357 96 030922
info@marketpublishers.com

growing regional demand for high-barrier packaging of sensitive biologics and generic injectable drugs, serving both domestic and export markets.

Materials Covered:

- Plastic
- Aluminum Foil
- Paper & Paperboard
- Multi-layer Laminates
- Other Materials

Product Types Covered:

- Clamshell Blister Packaging
- Carded Blister Packaging
- Thermoform Blister Packs
- Cold Form Blister Packs
- Face Seal Blister Packs
- Full-face Seal Blister Packs
- Other Product Types

Technologies Covered:

- Thermoforming
- Cold Forming

+357 96 030922
info@marketpublishers.com

- Heat Sealing

Drug Forms Covered:

- Tablets
- Capsules
- Oral Thin Films & Lozenges
- Injectables & Ampoules
- Diagnostic Kits & Medical Devices

Application Types Covered:

- Prescription Drugs
- Over-the-Counter (OTC) Drugs
- Nutraceuticals & Supplements

End Users Covered:

- Pharmaceutical Manufacturers
- Contract Packaging Organizations (CPOs)
- Hospitals & Clinics
- Retail Pharmacies
- Online Pharmacies
- Other End Users

+357 96 030922
info@marketpublishers.com

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand
  - South Korea
  - Rest of Asia Pacific

+357 96 030922
info@marketpublishers.com

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

**Free Customization Offerings:**

+357 96 030922
info@marketpublishers.com

All the customers of this report will be entitled to receive one of the following free customization options:

- Company Profiling
  - Comprehensive profiling of additional market players (up to 3)
  - SWOT Analysis of key players (up to 3)
- Regional Segmentation
  - Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)
- Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

# Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com



## 14 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

# List Of Tables

## LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com


Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

## I would like to order

Product name: Pharmaceutical Blister Packaging Market Forecasts to 2034 – Global Analysis By Material (Plastic, Aluminum Foil, Paper & Paperboard, Multi-layer Laminates, and Other Materials), Product Type, Technology, Drug Form, Application Type, End User and By Geography

Product link: https://marketpublishers.com/r/P4ED59E54707EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/P4ED59E54707EN.html