

## **Cannabis Packaging - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

Cannabis Packaging Market Analysis

The cannabis packaging market reached USD 1.99 billion in 2025 and is projected to grow to USD 4.07 billion by 2030, reflecting a 15.46% CAGR over the forecast period. This upward trajectory is linked to the expanding legalization of cannabis, stricter global compliance mandates, and rising consumer demand for premium, sustainable packs. The rising demand for medical and recreational cannabis is driving revenue growth in the global cannabis packaging market during the forecast period. Cannabis legalization has significantly increased the demand for various products, necessitating proper packaging to enhance shelf life. This trend is expected to support market revenue growth. Additionally, the growing number of start-ups has introduced a wide range of cannabis-based products, such as oils and beverages, which is anticipated to substantially boost the demand for cannabis packaging. These start-ups are focusing on scaling cultivation, industrial production, and commercializing diverse cannabis products across multiple countries, thereby propelling market growth.

Global Cannabis Packaging Market Trends and Insights

Legalization wave expanding beyond North America

Germany's 2024 adult-use approval shifted European packaging from wellness positioning to pharmaceutical-grade expectations, as the Medical Cannabis Act now enforces EU-GMP standards that exceed typical fast-moving consumer goods rules. Australia followed with a national reform effective September 2024 that mandates minimum recycled content and recyclability labeling,

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compelling converters to redesign material mixes. Argentina's early medical framework continues to shape packaging norms across Brazil and Mexico where new bills reference patient-safe containers and traceability codes. These combined changes add medium-term tailwinds that lift the cannabis packaging market worldwide.

#### Rising demand for medical and adult-use cannabis products

Pre-rolls now contribute more than 12% of dispensary turnover in mature U.S. states, prompting brands to employ unique structural designs and color codes to signal potency tiers. Green Thumb Industries refreshed its Dogwalkers line with paperboard cartons that meet child-resistant protocols yet convey a premium feel. Drops Candies reported a six-fold increase in order throughput after installing automated cartoners integrated with compliance printers, proof that end-to-end automation can unlock scale for edibles. Tilray's Q2 2025 results showed USD 66 million cannabis sales and 36% beverage growth, highlighting cross-category synergies that demand versatile secondary packs.

#### Fragmented and shifting global regulations

A multi-state operator recently managed 2,230 distinct SKUs because every U.S. jurisdiction establishes unique pack sizes, warning labels, and ink color codes. The Universal Cannabis Information Label initiative argues for standard icons and data fields to cut complexity once federal legalization arrives. In Europe, at least 11 legal pathways exist for harmonizing domestic reforms with UN treaties, lengthening approval cycles for new labels. The regulatory mosaic drags on speed-to-shelf, trimming growth momentum for the cannabis packaging market.

Other drivers and restraints analyzed in the detailed report include:

Regulatory push for child-resistant/tamper-evident packs / Growth in CBD-infused novel formats / Sustainability pressure on single-use plastics /

For complete list of drivers and restraints, kindly check the Table Of Contents.

#### Segment Analysis

Rigid formats dominated the cannabis packaging market in 2024 at 67.8% share, primarily through glass jars and double-wall plastic containers that enhance shelf presence for premium flower. The segment benefits from perceived durability and consumer familiarity, yet it faces scrutiny for bulkiness and higher freight intensity. Flexible packs grow at a 17.3% CAGR, underpinned by low material waste, lightweight logistics, and compatibility with high-speed form-fill-seal lines. Stand-up pouches and pillow bags gain traction in edibles, where tamper-evident tear notches and resealable zippers align with portion control mandates.

Automation advantages sustain this shift. Viking Masek's rotary pouch system supports quick tool-less changeovers that cut downtime when SKU counts climb, a trend visible among multi-state operators. Modified Atmosphere Packaging now integrates nitrogen flushing that curbs terpenoid oxidation, extending shelf life without preservatives. As legalization spreads, contract packers opt for flexible webs to manage volume spikes quickly, enabling the cannabis packaging market to diversify pack formats across global channels.

Plastics accounted for 54.9% of the cannabis packaging market share in 2024 because of cost efficiency, barrier versatility, and established supply chains. Polypropylene snap lids and PET bottles remain dominant in beverages and tinctures. Biopolymers, however, register the fastest 16.9% CAGR thanks to hemp-based resins and corn-starch PLA recipes that comply with child-resistant torque thresholds. Sana Packaging introduced hemp plastic tubes composed entirely of plant matter, creating petroleum-free value propositions that appeal to eco-minded consumers.

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Glass retains a premium niche among medical users who associate it with pharmaceutical purity, while metal tins advance in concentrates for light-protected storage. Paperboard innovation now includes crush-proof pre-roll boxes with hidden locking tabs, resolving earlier structural weaknesses. Research on chitosan-hemp composites demonstrated tensile strength gains of up to 65%, pointing to future bio-based structural carriers that could displace fossil-fuel polymers.

Cannabis Packaging Market is Segmented by Type (Rigid Packaging, Flexible Packaging), Packaging Material (Plastics, Glass, Metal, Paper and Paperboard, Biopolymer and Other Materials), Cannabis Application (Medical, Recreational), Product Form (Flower, Edibles, Topicals, and More), End User (Cultivators and Producers, Processors/Manufacturers, and More), and Geography. The Market Forecasts are Provided in Terms of Value (USD).

## Geography Analysis

North America generated 32.4% of global value in 2024, buoyed by the United States' state-driven legalization that encourages brand experimentation and premium shelf strategies. Canada streamlined rules in March 2025 to permit transparent windows and scannable QR codes without weakening child-resistant metrics, thereby lowering unit costs for converters already versed in pharmaceutical norms. Mexico's pharmacy-only sales model creates specialized pack compliance but limits near-term volume until adult-use provisions progress.

Europe is in rapid flux after Germany's Cannabis Light model won approval, forcing converters to meet EU-GMP credentials and serialized traceability on every carton. The United Kingdom estimates a potential EUR 9.5 billion (USD 11.19 billion) market pending regulatory clarity, and existing medical supply in Italy and the Netherlands sustains demand for blister strips and amber glass bottles. Eastern Europe assesses 11 different legal pathways to comply with UN treaties, gradually converging on standardized icons that could harmonize packaging rules across member states.

Asia-Pacific shows the quickest 16.7% CAGR through 2030, led by Australia's projected USD 540.6 million cannabis sales that rely heavily on imports packaged to local recycled-content guidelines. Japan's USD 154 million CBD segment demands ultraclean, tamper-evident bottles that certify zero THC residue. South Korea experiments with medical frameworks that stipulate hermetic blister packs with braille characters, creating niche opportunities for specialized converters. Regional momentum suggests Asia-Pacific will extend its contribution to the cannabis packaging market over the long term.

## List of Companies Covered in this Report:

Greenlane Holdings Inc. (KushCo) / N2 Packaging Systems LLC / Dymapak / Quark Distribution / Diamond Packaging / Green Rush Packaging / Berlin Packaging / Berry Global Inc. / Grove Bags / Contempo Specialty Packaging / Elevate Packaging Inc. / The BoxMaker Inc. / Cannaline Packaging Solutions / JL Clark / Automating Cannabis Packaging Equipment / BrandMyDispo / THC Label Solutions / PaperTube Co. / Paxiom Group / LeafyPack / KindPack /

## Additional Benefits:

- The market estimate (ME) sheet in Excel format /
- 3 months of analyst support /

## Table of Contents:

- 1 INTRODUCTION
  - 1.1 Study Assumptions and Market Definition
  - 1.2 Scope of the Study

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## 2 RESEARCH METHODOLOGY

## 3 EXECUTIVE SUMMARY

## 4 MARKET LANDSCAPE

### 4.1 Market Overview

### 4.2 Market Drivers

#### 4.2.1 Legalization wave expanding beyond North America

#### 4.2.2 Rising demand for medical and adult-use cannabis products

#### 4.2.3 Regulatory push for child-resistant/tamper-evident packs

#### 4.2.4 Growth in CBD-infused novel formats

#### 4.2.5 E-commerce and home-delivery driving unit-level secure packs

#### 4.2.6 Smart track-and-trace (NFC/RFID) adoption for compliance

### 4.3 Market Restraints

#### 4.3.1 Fragmented and shifting global regulations

#### 4.3.2 Sustainability pressure on single-use plastics

#### 4.3.3 SKU churn causing packaging inventory write-offs

### 4.4 Supply-Chain Analysis

### 4.5 Regulatory Landscape

### 4.6 Technological Outlook

### 4.7 Porter's Five Forces

#### 4.7.1 Bargaining Power of Buyers

#### 4.7.2 Bargaining Power of Suppliers

#### 4.7.3 Threat of New Entrants

#### 4.7.4 Threat of Substitutes

#### 4.7.5 Intensity of Rivalry

### 4.8 Assessment of macroeconomic Factors on the market

## 5 MARKET SIZE AND GROWTH FORECASTS (VALUE)

### 5.1 By Type

#### 5.1.1 Rigid Packaging

#### 5.1.2 Flexible Packaging

### 5.2 By Packaging Material

#### 5.2.1 Plastics

#### 5.2.2 Glass

#### 5.2.3 Metal

#### 5.2.4 Paper and Paperboard

#### 5.2.5 Biopolymer and Other Materials

### 5.3 By Cannabis Application

#### 5.3.1 Medical

#### 5.3.2 Recreational

### 5.4 By Product Form

#### 5.4.1 Flower

#### 5.4.2 Edibles

#### 5.4.3 Concentrates and Oils

#### 5.4.4 Topicals and Others

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## 5.5 By End User

### 5.5.1 Cultivators and Producers

### 5.5.2 Processors / Manufacturers

### 5.5.3 Dispensaries and Retail Chains

## 5.6 By Geography

### 5.6.1 North America

#### 5.6.1.1 United States

#### 5.6.1.2 Canada

#### 5.6.1.3 Mexico

### 5.6.2 South America

#### 5.6.2.1 Brazil

#### 5.6.2.2 Argentina

#### 5.6.2.3 Rest of South America

### 5.6.3 Europe

#### 5.6.3.1 Germany

#### 5.6.3.2 United Kingdom

#### 5.6.3.3 Spain

#### 5.6.3.4 France

#### 5.6.3.5 Italy

#### 5.6.3.6 Russia

#### 5.6.3.7 Rest of Europe

### 5.6.4 Asia-Pacific

#### 5.6.4.1 China

#### 5.6.4.2 Japan

#### 5.6.4.3 Australia

#### 5.6.4.4 South Korea

#### 5.6.4.5 India

#### 5.6.4.6 Rest of Asia-Pacific

### 5.6.5 Middle East and Africa

#### 5.6.5.1 Middle East

##### 5.6.5.1.1 UAE

##### 5.6.5.1.2 Israel

##### 5.6.5.1.3 Turkey

#### 5.6.5.2 Africa

##### 5.6.5.2.1 South Africa

##### 5.6.5.2.2 Rest of Africa

## 6 COMPETITIVE LANDSCAPE

### 6.1 Market Concentration

### 6.2 Strategic Moves

### 6.3 Market Share Analysis

### 6.4 Company Profiles (includes Global level Overview, Market level overview, Core Segments, Financials as available, Strategic Information, Market Rank/Share for key companies, Products and Services, and Recent Developments)

#### 6.4.1 Greenlane Holdings Inc. (KushCo)

#### 6.4.2 N2 Packaging Systems LLC

#### 6.4.3 Dymapak / Quark Distribution

#### 6.4.4 Diamond Packaging

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- 6.4.5 Green Rush Packaging
- 6.4.6 Berlin Packaging
- 6.4.7 Berry Global Inc.
- 6.4.8 Grove Bags
- 6.4.9 Contempo Specialty Packaging
- 6.4.10 Elevate Packaging Inc.
- 6.4.11 The BoxMaker Inc.
- 6.4.12 Cannaline Packaging Solutions
- 6.4.13 JL Clark
- 6.4.14 Automating Cannabis Packaging Equipment
- 6.4.15 BrandMyDispo
- 6.4.16 THC Label Solutions
- 6.4.17 PaperTube Co.
- 6.4.18 Paxiom Group
- 6.4.19 LeafyPack
- 6.4.20 KindPack

## 7 MARKET OPPORTUNITIES AND FUTURE OUTLOOK

### 7.1 White-space and Unmet-need Assessment

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