

# Global Medical Devices Secondary Packaging Market to Hit USD 23.1 Billion by 2035 Amid Rising Regulatory Demands | FMI

*E-commerce and healthcare growth in the USA boosts demand for durable, eco-friendly moulded pulp packaging to protect sensitive medical devices in transit.*

NEWARK, DE, UNITED STATES, May 23,

2025 /EINPresswire.com/ -- The

[medical devices secondary packaging market](#) is projected to reach USD 14.3

billion in 2025 and grow at a CAGR of 4.9%, reaching USD 23.1 billion by

2035. As healthcare regulations

become increasingly stringent, the role

of secondary packaging in ensuring safety, branding, and logistical efficiency continues to expand.



Medical Devices Secondary Packaging Market

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Healthcare packaging is evolving fast driven by safety, sustainability, and smart tech. Regulatory demands and patient-centric solutions are shaping the future.”

*Ismail Sutaria in Packaging at  
Future Market Insights*

Secondary packaging refers to the packaging that encloses the primary package of a medical device, offering additional protection and branding. It includes cartons, boxes, pouches, and inserts that safeguard the product during transportation, storage, and handling. Unlike primary packaging, which comes in direct contact with the device, secondary packaging focuses on external safety and regulatory compliance.

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Secondary packaging is vital in the medical devices industry as it ensures product integrity, sterility, and adherence to stringent regulatory requirements. Unlike primary packaging, which

comes in direct contact with the medical device, secondary packaging provides additional protection against contamination, physical damage, and tampering. This packaging layer is also crucial for branding, information dissemination, and ensuring safe transportation of medical devices.

### Growing Demand for Sterile and Tamper Evident Packaging

The risk of contamination and tampering in medical devices is a significant concern for manufacturers, healthcare professionals, and patients. The demand for tamper-proof and sterilized packaging solutions is increasing, ensuring that products remain in optimal condition until they reach end-users.

Advanced secondary packaging solutions, such as multi-layer barrier films, medical-grade adhesives, and RFID-enabled tracking systems, are being developed to maintain sterility and improve security.

### Key Takeaways: Medical Devices Secondary Packaging Market

- The global secondary medical device packaging market grew at a CAGR of 4.1% from 2020 to 2024.
- Market size increased from USD 11.5 billion in 2020 to USD 13.7 billion by 2024.
- Country-wise CAGR during the period:
  1. United States: 5.8%
  2. India: 7.5%
  3. Germany: 4.0%
  4. China: 6.2%
  5. Brazil: 3.6%
  6. United Kingdom: 4.3%
  7. Canada: 4.0%
- Plastic is projected to hold a 60.5% market share by 2035.
- Blisters are expected to be the most profitable segment, with a 38.2% market share by 2035.

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### Key Driving Factors of the Medical Devices Secondary Packaging Market

- **Increasing Demand for Patient Safety:** The rising focus on ensuring the safety and security of medical devices during transportation and storage is driving the demand for robust secondary packaging solutions. This packaging helps prevent contamination, damage, and ensures the devices remain sterile.
- **Regulatory Compliance:** Stringent regulations from organizations like the FDA and EU's Medical Device Regulation (MDR) mandate proper packaging to ensure medical devices meet safety

standards. Compliance with these regulations is fueling the growth of the secondary packaging market.

- **Advancements in Packaging Materials:** Innovations in packaging materials, such as [tamper-evident packaging](#), child-resistant features, and eco-friendly options, are propelling the market. These materials enhance the protection and sustainability of medical devices.
- **Rising Prevalence of Chronic Diseases:** With the increasing prevalence of chronic diseases, there is a growing demand for medical devices, including monitoring equipment and surgical instruments. This uptick in demand is driving the need for efficient secondary packaging solutions.
- **E-commerce Growth in Healthcare:** The expansion of e-commerce in the healthcare sector, including the direct-to-consumer distribution of medical devices, requires secure and reliable secondary packaging solutions to prevent damage or tampering during shipment.

## Competitive Landscape

To address the particular criteria for medical device packaging, industry participants are developing and launching new products, as well as tailored solutions made from innovative materials. They are collaborating with healthcare providers and packaging material suppliers to expand their business.

Businesses are also promoting sustainability through eco-friendly practices and technologies that reduce product damage while lowering their environmental impact.

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<https://www.futuremarketinsights.com/reports/medical-devices-secondary-packaging-market>

## Key Players in the Medical Devices Secondary Packaging Market

- Amcor
- Sealed Air
- WestRock
- AptarGroup
- Smurfit Kappa
- Berry Global
- Sonoco
- Pro-Pac Packaging
- Tekni-Plex
- Mitsubishi Chemical Holdings
- UFP Technologies
- Bemis Company
- International Paper
- Molded Fiber Packaging (MFP)

## Medical Devices Secondary Packaging Market Segmentation

### By Material Type:

- Plastic
- Paper/Cardboard
- Glass
- Foam
- Metal

### By Product Type:

- Trays
- Boxes
- Blisters
- Clamshells
- Pouches
- Bags
- Bottles

### By Packaging Type:

- Tamper-Evident Packaging
- Sterilization-Compatible Packaging
- Protective Packaging
- Custom Packaging

### By End Use:

- Pharmaceuticals
- Surgical Instruments
- Diagnostic Equipment
- Imaging Devices
- Consumer Health Devices

### By Region:

- North America
- Latin America
- Europe
- Asia Pacific
- Middle East and Africa

Have a Look at Related Research Reports on the Packaging Domain:

The global Foam Market size is estimated to stand at USD 109.6 billion in 2024. The market is projected to exceed a valuation of USD 179 billion by 2034, registering a moderate CAGR of 5.0%.

- <https://www.futuremarketinsights.com/reports/foam-market>

The Silicone Film Market is estimated to be valued at USD 1.1 billion in 2024. It is projected to reach USD 1.8 billion by 2034, exhibiting a CAGR of 5.00% over the forecast period. -

<https://www.futuremarketinsights.com/reports/silicone-film-market>

The holographic blister foil market is predicted to be valued at USD 272.9 million in 2024 and rise to USD 432.1 million by 2034. It is expected to grow at a CAGR of 4.7% during the forecast period.

- <https://www.futuremarketinsights.com/reports/holographic-blister-foil-market>

The perfume bottle market under FMI published a new report stating the current valuation of the market is USD 736.5 million in 2024. Over the next ten years, the market spiked to a valuation of USD 1,100.7 million by 2034. -

<https://www.futuremarketinsights.com/reports/perfume-bottle-market>

The Global Skincare Packaging market is estimated to reach USD 17.32 billion in 2025. It is estimated to rise at a CAGR of 4.6% during the assessment period 2025 to 2035 and get a value of USD 27.16 billion by 2035. -

<https://www.futuremarketinsights.com/reports/skincare-packaging-market>

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