

# Pharmaceutical Contract Packaging Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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## Abstracts

The Global Pharmaceutical Contract Packaging Market was valued at USD 17.1 billion in 2024 and is estimated to grow at a CAGR of 7.8% to reach USD 35.9 billion by 2034. Rapid transformations across the pharmaceutical sector are significantly influencing the way medications are packaged and delivered. With rising demand for personalized therapies and advancements in biotech innovation, pharmaceutical manufacturers are increasingly turning to specialized contract packaging providers to address evolving needs. As drug development becomes more targeted and small-batch production gains traction, packaging solutions must be agile, compliant, and capable of handling diverse dosage forms and sensitive formulations.

Contract packaging partners are playing a pivotal role by offering scalable services that align with shifting regulatory frameworks, heightened traceability demands, and growing patient-centric care models. The expanding global footprint of pharmaceutical production and distribution further underscores the need for streamlined packaging processes that ensure security, quality, and regulatory alignment across international markets. Digital transformation, coupled with automation and smart packaging tools, is elevating efficiency while reinforcing safety throughout the supply chain. As sustainability becomes a major priority, companies are also integrating eco-conscious materials to reduce environmental impact without compromising performance.

The secondary packaging segment is anticipated to witness substantial growth, with expectations to reach USD 14.3 billion by 2034. Serialization mandates, tamper-proof features, and informative labeling are fueling the rise in demand for advanced secondary packaging services. Smart packaging formats are becoming a preferred choice, especially for prescription and over-the-counter medications, as they enable real-

time verification and enhanced patient engagement through QR codes and digital interfaces. In line with global green packaging initiatives, recycled cartonboard, eco-friendly inks, and water-based coatings are gaining traction, especially in secondary packaging applications designed for improved sustainability and end-user accessibility.

The plastic segment in the pharmaceutical contract packaging space is projected to generate USD 10 billion by 2034. Known for its cost efficiency and excellent barrier properties, plastic remains a dominant material across a wide range of drug formulations. However, increasing environmental concerns are steering the market toward biodegradable and recyclable plastics. In response, contract packaging providers are developing next-generation plastic solutions, such as lightweight bio-based materials and high-barrier bioplastics that maintain product integrity while supporting sustainability goals.

United States Pharmaceutical Contract Packaging Market generated USD 5.3 billion in 2024, driven by stringent regulatory standards and evolving serialization requirements. The implementation of the Drug Supply Chain Security Act (DSCSA) has encouraged unit-level traceability, blockchain integration, and automation of smart labeling technologies. Growth in biologics, gene and cell therapies, and temperature-sensitive drugs is pushing service providers to enhance cold chain packaging infrastructure to meet demand.

Notable players in the Global Pharmaceutical Contract Packaging Market include Ameripac, Amcor, Baxter Biopharma Solutions, Adare Pharma Solutions, and Catalent Pharma Solutions. Companies are leveraging automation, serialization, and smart packaging technologies such as NFC and QR to improve compliance, traceability, and user interaction. Early-stage collaboration with pharmaceutical developers and an emphasis on sustainable materials are helping contract packagers deliver customized, future-ready packaging solutions.

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