

PHARMACEUTICAL, HEALTHCARE AND MEDICAL DEVICE

COMPLIANCE PACKAGING
SOLUTIONS FOR
IMPROVING PATIENT CARE

Pharmaceutical Packaging Solutions

- More than 50 years of pharmaceutical packaging experience.
- Fully customizable pharmaceutical and healthcare packaging solutions.
- Complete line of unit dose packages for patient compliance.
- Branded blister packaging and combination packaging solutions.
- Packaging certified for child resistance and senior friendliness.
- Paperboard-based solutions that meet retailers' sustainability requirements.
- Security solutions for brand and product protection.
- Recipient of multiple supplier excellence, sustainability and innovation awards.



Leadership, Experience and Innovation

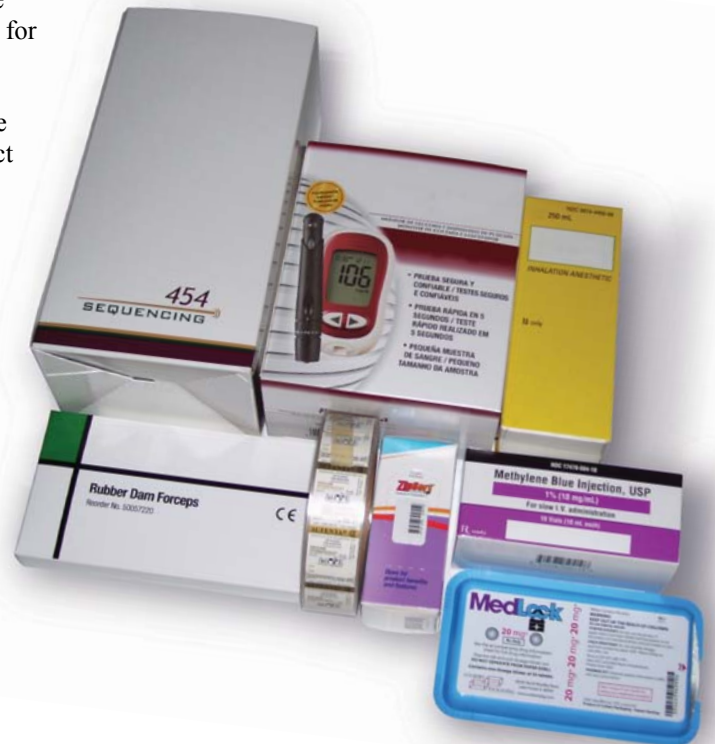
Colbert Packaging has been manufacturing high-quality packaging solutions for its customers in the pharmaceutical, healthcare and medical device industries for more than five decades. Proven leadership, extensive experience and a commitment to innovation have earned Colbert a solid reputation as a trusted source for pharmaceutical packaging. Today, with its fingers on the pulse of the industry, Colbert offers one of the world's most comprehensive, diverse and inventive portfolios of packaging solutions for pharmaceutical, healthcare and medical device products.

Commitment to Quality

Extraordinary attention to detail goes into each step of the production process to ensure that every package Colbert produces is held to the highest quality standards. Colbert's cGMP-compliant facilities maintain strict manufacturing procedures. The manufacturing process is lean, and each facility was specifically designed for efficient, direct, one-way movement through production. Colbert is also known for its company-wide commitment to delivering the industry's best customer service, and it has repeatedly been recognized by healthcare and pharmaceutical customers for meeting the highest standards in product quality and supplier excellence.

Good Manufacturing Practices

- Consistent and compliant procedures and specifications.
- Clearly defined and documented manufacturing processes.
- Statistical process control and change management validation.
- Operators trained to carry out documented processes.
- Experienced quality auditors on all shifts.
- Training of every individual in quality management goals.
- Specialty equipment aids in visual inspection and quality assurance.
- Pre-performance carton testing for critical production run attributes.
- Inline application of covert RF-EAS source tagging security sensors.
- Consecutive backside numbering of pressure-sensitive roll labels.



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Noncompliance Risks and Industry Impact

Approximately one in three American adults who have been prescribed drugs to take on a regular basis are often noncompliant with their treatment regimen, and clinical trials have shown that the primary cause of noncompliance is forgetfulness. Noncompliance poses serious health risks to patients, and sadly, a simple oversight in dosage administration can be deadly. Patient noncompliance is a major problem today, not only affecting individual patients but also the entire healthcare industry. Adverse reactions, polypharmacy and noncompliance contribute to many hospital admissions. Noncompliance, estimated to cost the industry tens of billions of dollars per year, is a challenge faced by pharmaceutical manufacturers and healthcare providers.

Compliance Packaging is the Solution

Pharmaceutical companies are addressing this issue by replacing nondescript amber medication bottles with packaging solutions that integrate brandable paperboard and customizable pill blister cards to offer expanded label content, high visibility, and built-in track-and-trace features. Compliance packaging solutions are designed to make drug therapy easy to follow for patients by breaking regimens down into individual dosages, while promoting patient knowledge and accountability. These solutions are easily adaptable to unit dose and clinical trial formats.

Benefits of Compliance Packaging

- Increases the chance that drug therapy will benefit the patient through proper, timely dosage.
- Simplifies patient accountability when each dosage is contained in a separate blister cavity.
- Encourages brand loyalty with fully customizable and brandable packaging.
- Gives drug products a competitive edge with child-resistant, senior-friendly measures.
- Easily cost-justified when only 10 percent more patients are kept on a prescribed regimen.
- Simpler to fill at the pharmacy – no counting and no possibilities for mistakes.
- Furthers the patient's medication knowledge and improves overall patient care.

Unit Dose and Other Specialty Packages

Colbert offers a comprehensive portfolio of unit dose packaging solutions aimed at improving patient compliance. Each unique specialty package can be fully branded and customized, manufactured using secure and sustainable materials, and ensure easy-to-follow regimens. Most can accommodate a wide range of blister cavities, with printed dosage numbers, dates or other instructions. All are designed to benefit patients, pharmaceutical companies, pharmacies and the healthcare industry as a whole. In addition to its unit dose packages, Colbert's pharmaceutical specialty lineup also includes a solution that addresses the need to protect over-the-counter medications against pilferage, and one that combines folding cartons and pharmaceutical inserts.

Specialty Packaging Solutions

Colbert is committed to developing innovative solutions that meet the evolving needs and meticulous requirements of the pharmaceutical, healthcare and medical device industries.



AlertPak™

Quickly assembles into a branded pop-up countertop display to serve as a convenient reminder for patients to take their medication.



ComplyPak™

Combines a child-resistant cap with a thermoformed pill blister card to provide patients with blister compliance and bottle convenience.



PharmaDial®

Achieves 98% senior-friendly effectiveness with its EZ-3 design, whereby a patient “dials” the package 90 degrees to release a dosage.



SecureOTC™

Reduces pilferage and promotes proper usage of over-the-counter medications by securely sealing a pill blister card within an outer carton.



Click-a-Dose®

Provides an audible “click” to indicate when a dosage is ready to be dispensed, and its compact size fits easily into a pocket or handbag.



MedLock™

Delivers optimum security with a unique locking mechanism built into a tear-resistant formed paper tray to control medication access.



Zip-Sert®

Combines custom folding cartons and printed, folded pharmaceutical inserts in one unit for a turnkey pharmaceutical packaging solution.

	AlertPak	Click-a-Dose	ComplyPak	MedLock	PharmaDial	SecureOTC	Zip-Sert
FUNCTION							
Unit Dose Package for Patient Compliance	●	●	●	●	●		
Replaces Amber Medication Bottles	●	●	●	●	●		
Used for Prescription Medications	●	●	●	●	●		●
Used for Over-the-Counter Medications	●	●				●	●
Reduces Retail Pilferage						●	
Simplifies Pharmaceutical Insert Placement							●
DESIGN							
Fully Brandable and Customizable	●	●	●	●	●	●	●
Child-Resistant and Senior-Friendly	●	●	●	●	●		
Tested and Received CPSC's F=1 Rating				●	●		
Paper Tray Package Design				●			
Fold-Over Package Design	●	●			●		
Folding Carton Design						●	●
Access Medication in Three Steps or Less	●	●	●	●	●		
Patented by Colbert Packaging	PENDING		●	PENDING	●	PENDING	PENDING
MATERIALS							
Primarily Made of Paperboard	●	●	●	●	●	●	●
Accommodates Range of Blister Cavities	●	●	●	●	●	●	
Integrates Child-Resistant Cap			●				
Integrates Pharmaceutical Inserts							●
Protected by PharmaGuard, Optional*	●	●	●	●	●	●	●
Security Ink Solutions, Optional	●	●	●	●	●	●	●
Can Meet Sustainability Requirements	●	●	●	●	●	●	●
Adaptable to Standard Equipment	●	●	●	●	●	●	●

* Based on Colbert's award-winning, patented BlisterGuard® package, PharmaGuard™ is a tear-resistant, bite-resistant and moisture-resistant solution that provides enhanced security to specialty packaging solutions for pharmaceuticals and healthcare products. PharmaGuard is paperboard-based and complies with retailers' sustainability requirements, while helping pharmaceutical companies achieve their F-rating goals. It is fully brandable and customizable.

Colbert Packaging produces pharmaceutical and healthcare specialty packages as well as ...

Custom Folding Cartons

Colbert manufactures custom folding cartons for pharmaceutical, healthcare and medical device customers. Folding cartons communicate brands, maximize shelf appeal in the retail aisle, and provide product protection. Curves, crisp colors, detailed graphics, die cuts and other distinctive features can be incorporated into any folding carton style. Colbert also offers overt and covert security ink solutions (invisible, colorless, light-reactive, heat-sensitive and coin-reactive) for brand protection, and tamper and pilfer-resistant solutions for product protection.

Pressure-Sensitive Roll Labels

Colbert designs and prints pressure-sensitive roll labels for healthcare products sold in plastic containers, squeeze tubes, flexible packs, re-sealable packages, and disposable and convenience packages. Its labeling technology produces pressure-sensitive roll labels in a variety of shapes and sizes using clear-on-clear film, brilliant colors and graphics, eye-catching die cuts, and virtually invisible edge lines for optimum brand impact. In addition to the numerous branding benefits, labeling offers a broad range of operational advantages, including quick turnaround times, less waste, reduced cleanup, increased line capacities and reduced carrying costs.

Printed and Folded Packaging Inserts

Companies use packaging inserts for a variety of reasons, and these inserts vary greatly from one to the next. Health and beauty companies may use inserts to provide sales incentives, product samples and coupons. Pharmaceutical inserts must contain drug and medical information as required by the FDA. C and H Printing Solutions – a joint venture between Colbert Packaging and Haapanen Brothers – is capable of producing over 2.8 million printed and folded paper inserts per day on its specialized equipment, some of which can micro-fold inserts into as many as 238 panels. Many folding cartons and specialty packaging solutions can be custom-designed to include built-in windows, die cuts, zipper pockets and other features suitable for inserts.



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