

Beacon Converters, Inc.

Orthopedic Drill and Pin Kit Goes Flexible with 100% Virgin HDPE Wallet



Background

ConforMIS, Inc. Burlington, MA, is a privately-held company that develops and commercializes medical devices for treating osteoarthritis and joint damage. They provide patient-specific surgical solutions including patient specific instrumentation that is supplied by the patient's surgical team and shipped by Next Day Air carrier to the surgical site.

Challenge

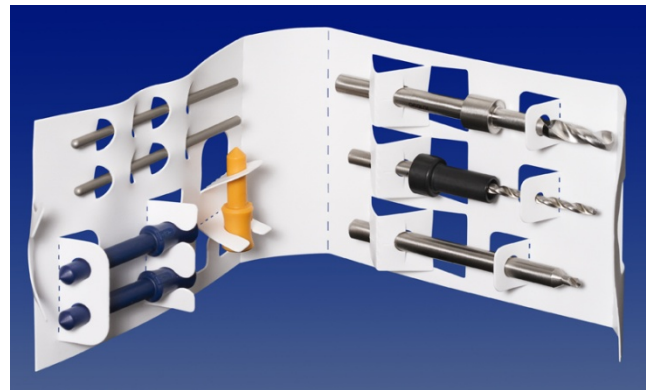
Package Size & Product Protection

Because of their product attributes, Orthopedic medical devices are typically packaged in rigid thermoformed trays that have a large packaging footprint. ConforMIS had the challenge to take the same components that normally require a tray with an insert package and find a more streamlined protective packaging system for the heavy drill and pin kit that would protect the components and securely fit them in their air carrier's overnight shipping box that could not accommodate a thermoformed tray.

Solution

Drill and Pin Kit Wallet

The ConforMIS Drill and Pin Kit Wallet provides a flexible packaging alternative for a product category traditionally packaged in a rigid thermoformed tray. Multiple tiers of heavy sharpened metal components are individually organized and completely secured within. The unique design minimizes the packaging footprint while protecting the components from abrading each other and from puncturing the pouch.



Environmental Impact

The package addresses multiple environmental concerns when compared with a thermoformed tray solution. The wallet reduces the volume of packaging components by more than 93%. The 100% virgin HDPE* wallet is flat rather than formed and can be stacked and shipped densely, with no loss of packaging volume in airspace. Less space is required to store, warehouse, truck and deliver the same amount of package units.

**Note: HDPE is clean burning for waste-to-energy programs and one of the most recycled polymers worldwide in municipal or industrial waste streams.*

Awards

- Winner of three Flexible Packaging Association (FPA) 2011 Achievement Awards that honor packaging and converting excellence in the flexible packaging industry including the Highest Achievement Award, the Gold Award for Packaging Excellence, and the Silver Award for Environmental and Sustainability Achievement.
- Winner of the Institute of Packaging Professionals (IoPP) 2011 Ameristar Award that selects the most ground-breaking and innovative packages of the year.

ABOUT BEACON

Beacon Converters, Inc. is a sterilization-packaging manufacturer for the medical device and pharmaceutical industry. Founded in 1947, Beacon is third generation family-owned, FDA registered, women owned and small business certified. Their extensive line of packaging products for terminally sterilized medical devices include: peelable and non-peelable pouches, pouches on a roll, header bags, die-cut lids, rollstock, plastic custom die-cut insert cards, and paper bags. Learn more about product solutions at www.beaconconverters.com.