



Flexible Packaging Capabilities





Overview

- According to the Flexible Packaging Association (FPA) Flexible Packaging is the fastest-growing segment within the US packaging industry and around the world.
- Growth is projected for nearly all end-user markets, including food, beverages, personal care, nutrition, and even pharmaceutical products
- The North American Flexible Packaging Market was valued at USD 40.70 billion in 2020, and it is projected to be worth USD 47.58

Top 10 Benefits of Flexible Packaging

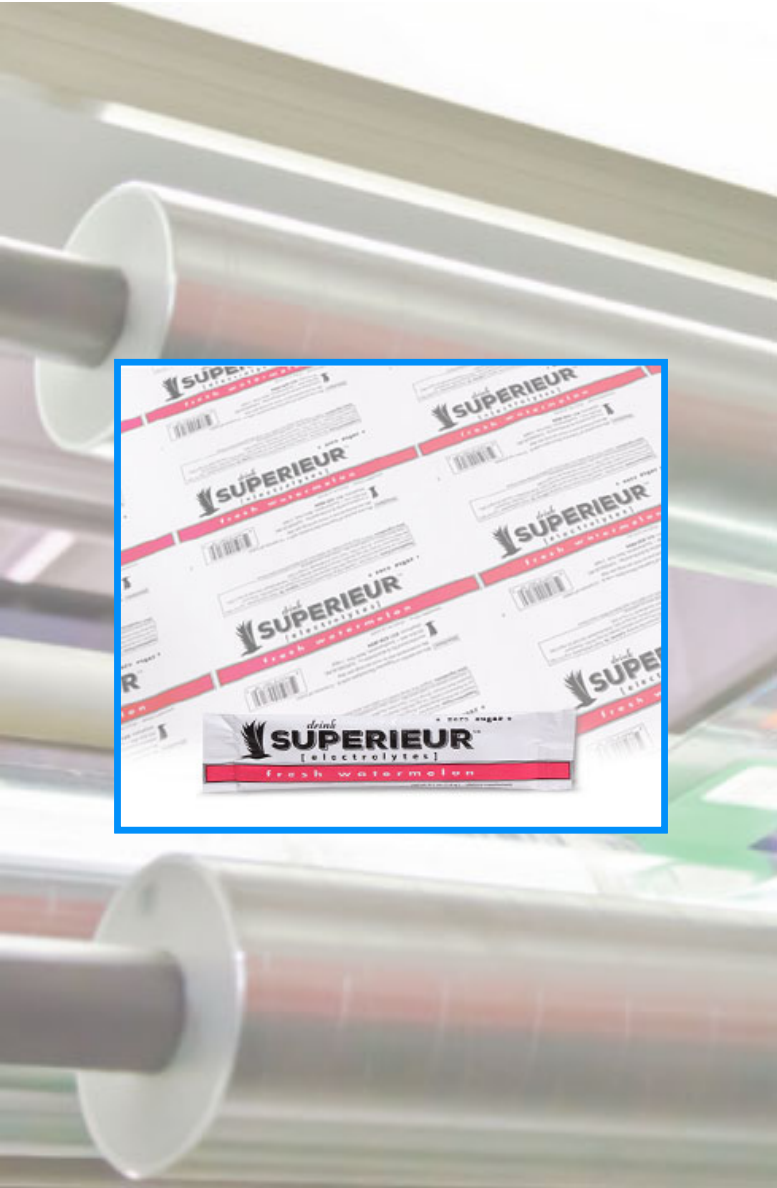
- Lightweight, easy to store, carry and reseal.
- Customizable – available in many different shapes, sizes, and films.
- Tamper-evident, reclosure, and dispensing options.
- Efficient product-to-packaging ratio.
- Smooth surface for high-quality images, so it's appealing on store shelves and to consumers.
- Less expensive to produce because not as much material is needed to make flexible packaging.
- Cheaper to ship -the weight of a flexible material can be up to 70% lighter than rigid, and it takes up less volume.
- Extends the shelf life of many products, especially food.
- Many sustainable aspects – uses fewer resources, generates fewer emissions, and creates less waste.
- At the forefront of important packaging trends in product protection, packaging design, and performance





Sustainability: Flex Pack vs. Rigid

- **Less Material:** Flexible packaging requires less material overall, making it a more environmentally friendly option than materials such as glass and rigid PET. Flexible packaging also uses fewer resources during the production process, including water and fossil fuels. For example, a steel can used to package coffee requires 1,605 percent more water than a stand-up flexible pouch.
- **Lower CO2 Emissions:** Since there is less material required to make the same product, there is a decrease in total greenhouse gas emissions. By using less material in flexible packaging systems, the amount of energy needed to convert the raw material into finished packaging is reduced, leading to a reduction in the overall carbon footprint.
- **Transportation Benefits:** Flexible packaging is usually shipped either flat or on a roll. This allows a larger number of packages to be shipped on a truck versus rigid packaging. Because fewer trucks and pallets are needed, energy consumption and the use of other valuable natural resources is also reduced.
- **Less Landfill Space:** Flexible packaging requires less landfill space than other packaging options and comprises only 4 percent of the packaging material in landfills. The packaging efficiency for flexible pouches, for example, is nearly double that of a plastic container, with half the amount of packaging required for the same amount of product.
- **Uses Less Plastic:** Use approximately 60 percent less plastic than rigid plastic bottles.



Flexible Packaging Material

Flexible packaging has evolved from a simple mono-layer film to a complex multilayer structure that combines several different materials. Each type of film has different properties, and its use depends on the nature of the product being packaged.

Choosing the right materials is one of the most important components of a successful finished product.

Forming and Filling Flexible Packaging: *Begin with the End in Mind*

Horizontal Form Fill and Seal Machines



<https://www.youtube.com/watch?v=xHLmebuNvfQ>

Bag and Pouch Filler Machine



<https://youtu.be/tZAlfVYVdpc>

FLOW WRAP MACHINE



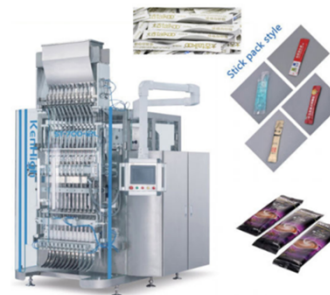
<https://www.youtube.com/watch?v=kk4H0Zp-h3U>

Vertical Form Fill Machine



<https://all-fill.com/equipment/form-fill-seal-machine/>

Stick Pack Machines



<https://www.youtube.com/watch?v=wIAqQ4TwlJk>

About US



- Premium Label and Packaging Solutions was formed in 2021 to bring together a group of award-winning converters with **decades of industry experience**. Each company started with just one press and was focused on delivering the personal touch of a small business. As their size, staff, equipment, and **label expertise** increased, the level of **responsiveness** and commitment to the craft remained a cornerstone of each facility.
- The formation of one company with both redundant capabilities and a skill set that includes **highly specialized packaging solutions** allows us to offer **faster turnaround** times and an extensive suite of products and services typically not offered under one roof. With this model, we can support clients throughout an entire project, from package prototyping to market testing to full production runs.
- The facilities that comprise Premium Labels & Packaging Solutions are:
 - Overnight Labels
 - Label Graphics
 - Luminer Converting
 - HP Mile
 - Privateer
 - Label One



PLPS Flexible Packaging Locations

- Established in 1987, **Overnight Labels** is an award-winning printer of custom labels, shrink sleeves, flexible packaging, and packaging prototypes. The company works with major global corporations, independent start-ups, and everyone in between. **Overnight Labels became part of Premium Labels and Packaging Solutions in 2021.**
- Because the Overnight Labels team has a comprehensive understanding of the entire production cycle and broad knowledge of materials, the company is considered a **leader in the flexible packaging** industry.
- They produce over **6,000,000 printed units per year** at two facilities located on Long Island, NY. All processes, including plate making, ink mixing, and proof generation, are done in-house.
- Overnight Labels has achieved several **elite certifications**, including:
 - Platinum Level GMI Certification for Target, Home Depot, Walgreens and CVS
 - Walmart and Disney Printing Certifications

Our Flexible Packaging Products

- **SACHETS:** Also called packets, they are appropriate for dry products, tablets, capsules, liquids, and powders. They are ideal for small items and individual servings of condiments and medicinal or beauty products. They are also commonly used by brands in trial/sample sizes in beauty and food products.
- **FLEXIBLE WRAPPERS:** Individual candies, mints, and nutrition bars are generally wrapped with flexible packaging materials.
- **STICK PACKS:** These long, skinny flexible packages are often used for drink mixes, nutraceuticals, spices, and other single-serve items. They are easy to open and simply require tearing at the top to enable the contents to be tipped or poured into a bottle, cup, or mug for use. Tear notches or laser scoring options for opening may also be incorporated.
- **STAND-UP POUCHES** These feature sealed sides and a gusseted bottom base to provide stability. They are used in everything from coffee and pet food to cleaning and personal care products. Available with hang-hole or child-resistant zipper closures.
- **ROLLSTOCK:** This is flexible packaging that has been printed on but not yet formed



Digital Flexible Packaging

- In addition to our fleet of flexo presses, Overnight Labels is one of the only full-service packaging converters in the country with an HP Indigo 25K digital press. This unit was specifically designed to work with our lamination and pouch-making equipment. In addition to producing beautiful packaging:

- ✓ We offer lower minimums on fully-formed flexible packaging so you can lower your inventory
- ✓ Faster turnarounds
- ✓ Create limited edition or personalized

<https://www.youtube.com/watch?v=YSENNkyLONg>



Why Premium Labels & Packaging Solutions?

Flexible Packaging



Shrink Sleeves



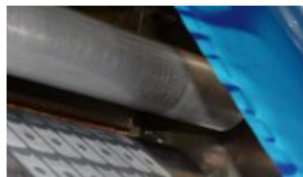
Pressure Sensitive Labels



Extended Content Labels



Specialty Labels and Services



- **With PLPS, our clients get the best of both worlds.** We maintain the personal touch of a small business balanced with the capabilities of a large organization. These qualities allow us to purchase state-of-the-art equipment, maintain a **large inventory** of best-in-class materials, and offer **faster turnaround** times and **flexible scheduling**.
- **Eight plants with overlapping capabilities** to ensure your work will be delivered on time.
- **End-to-End offerings to support clients throughout an entire project**, from package prototyping to market testing to full production runs and even post-print services like offline folding and gluing, kitting, product packaging, and collation.
- **Conveniently located in the New York Tri-state area** near many manufacturing facilities for onsite production runs.



- Flexible Packaging Minimum: 1,000
- Lead Time: 3-4 weeks
- For pricing, please include the following:
 - ✓ Size
 - ✓ Quantity
 - ✓ Colors
 - ✓ Spec Sheet
 - ✓ What type of product is going inside

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