



Sustainable, Packaging Solutions

Industrial and Pallet Packaging Segment.



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High Growth Opportunity for Sustainable Solutions in the Industrial and Pallet packaging Industry

We are experiencing a movement where companies are expanding their focus on corporate social responsibility initiatives. Consumers are aware of the significance of socially responsible companies, and they are actively seeking products that deliver ethical and sustainable brand experiences.

Showcasing a transparent corporate social responsibility plan demonstrates that your company cares about more than just those issues that directly impact your profit margins. Outlining your strategy to embrace accountability will attract customers who share the same values.

Why Now?

Customer awareness and the expanding market of sustainable products is influencing NGOs, Governments, and Policy makers to challenge the status quo and gradually change behaviors, laws, and policies to create a green economy.

In North America, both US and Canada Plastic Pacts have forward-thinking and ambitious goals to deliver by 2025, that are directly affecting the plastic packaging industries:

- ✓ Define a list of plastic packaging to be designated as problematic or unnecessary and take measures to eliminate them
- ✓ Ensure that 100% of plastic packaging being designed is reusable, recyclable, or compostable
- ✓ Guarantee that 50% of plastic packaging is effectively recycled or composted

• **66%**

of all respondents and 75% of millennial respondents say that they consider sustainability when they make a purchase.

(source - McKinsey & Co.)

• **72%**

of respondents reported that they were actively buying more environmentally friendly products than they did five years ago, while 81% said they expected to buy even more over the next five years.

(source - Accenture)

• **77%**

of respondents reported that they perceive plastics to be the least environmentally friendly packaging material.

(source - Accenture)



Sustainable Packaging Solutions

- The demand for a lower Carbon Footprint has never been more popular and numerous leading brands are taking the extra step to ensure they achieve their long-term sustainability goals by making their packaging 100% recyclable.
- Currently, leading associations predict that a staggering low 20% of flexible packaging is actually being recycled. What can we do to change that??
- As one of the largest flexible film manufacturers across North America, we are committed to the objective of developing sustainable & environmentally friendly solutions. This objective goes well in hand with our overall aim as a company which is "We Protect. Our people. Our communities. Our environment."
- Many brands and consumer goods have unwavering commitment to making some, or all their packaging fully recyclable by the year 2025. The packaging & manufacturing industry is putting in great effort to come up with innovative ideas to push their sustainability initiatives and achieve this goal by 2025.
- The flexible film industry plays a vital role in highlighting and communicating the advantages of recyclable products and how they can contribute to the circular economy.

Strategies for a sustainable future

- ✓ **Weight Reduction:** Flexible film packaging calls for the use of extremely thin substrates along, saving on material use & waste. Because the film is thinner, the amount of plastic resin used is reduced significantly. Life cycle analyses can additionally highlight the reduced carbon footprint that comes from flexible films, as compared to rigid materials.
- ✓ **Design For Recycling:** Through the introduction and rapid development of high functional polymer nonmaterial packaging options, customers have the option to pursue and assist in building the circular economy.
- ✓ **Technical Challenges:** Due to technical and regulatory challenges, an extremely low % of plastics are actually being recycled after use. These challenges can be overcome with a focus on LDPE, HDPE and PET, for their highly recyclable properties.
- ✓ **Innovative designs:** By staying unique and constantly developing new solutions for different industries, we can meet customer demand for more reusable, flexible packaging formats, within traditional retail and e-commerce sections.

Industrial and Pallet Product Areas.

Layfield has extensive expertise in the fast-growing industrial market and a specific focus on producing packing solutions for:

- ✓ Appliances & electronics
- ✓ Construction Materials
- ✓ Food & Beverage
- ✓ Chemical and Petrochemical
- ✓ Industrial products
- ✓ Lawn & Garden



Why to choose Layfield Sustainable Packaging ?



Stunning Graphics

Increase Productivity with reliable film performance.



Robust Stiffness

Protect your products with our incredibly strong and durable films.



Various Formats

Assure product quality with our high-temperature resistant film that can be customized to any format



Customer Experience

Combining high-performance and convenience features will deliver world-class brand experiences to your customers



Layfield Sustainable packaging Solutions

How2Recycle Pre-qualified Recyclable Packaging

How2Recycle is a standardized labeling system that clearly communicates recycling instructions to the public. It involves a collection of brands who want their packaging to be recycled and are empowering consumers through smart packaging labels.

Through our H2R membership, we have made recycling easier for your customers with the store drop-off program. Opting for packaging that is in compliance with this program will help reduce confusion by creating clear, well-understood, and harmonized labels that enable companies to convey how to recycle a package efficiently.

In addition to that, being a part of this program also improves the reliability and transparency of recyclability claims as it increases the availability of quality recycled materials.

PCR

PCR stands for “post-consumer recycled” material, and typically refers to plastics such as PET, PP and HDPE, which are highly recycled and reprocessed into a resin which is then used to make a new package.

PCR packaging are virgin plastics and reprocessing them has massive benefits to the environment. The more people that use PCR resin, the greater its demand gets, which works to drive greater recycling numbers of used plastic packaging.

Using PCR packaging shows consumers that you have a sense of responsibility and that you care about the effects of your packaging. Many states are bringing rise to legislative laws that force the use of PCR, and Layfield has always been a step ahead in compliance with these changing regulations.



BioFlex

Harness the power of sustainable packaging. Today's packaging can be tomorrow's green energy!

BioFlex delivers a product that matches the quality of your current packaging, with an additional sustainable edge. Your customers don't need to change their behaviors in order to make a positive environmental impact!

This type of packaging can simply be thrown in the garbage bin for landfill collection, where it will be converted into renewable energy. The Biogas formed during the conversion process can then be used to create power, stopping the overall use of fossil fuels.

The convenient and effortless disposal of this kind of packaging makes BioFlex the most responsible and sustainable choice for any kind of product that needs plastic packaging!

Layfield Sustainable Packaging

Our comprehensive portfolio of sustainable packaging offers a unique combination of high-performance features, with a variety of popular packaging formats ideal for multiple product applications.

Product Highlights

Stretch Tech

STRETCH TECH

- 65" - 744", all are gusseted
- Options in clear, white & custom colors
- Anti-fog and UV barrier features

Layfield is a pioneer in the North American stretch hood film market and we have a new innovative film structure for Stretch Hood Fil.

The multi-layered Stretch Tech Film is a tubular film sealed on one end, while the other end stretches over a palletized load using specialized hooder equipment, offering complete protection for load containment. We know that when you have the right Stretch Hood Film for your operation, the film won't tear, puncture or leak and the pallet arrives at its destination just as it was shipped.

Shrink Flex

ShrinkFlex™

- Common sizes include 17" and 24"

Layfield's ShrinkFlex™ film is a low-cost and effective method to palletize products. It has medium shrink force for a variety of applications. Unlike some other palletization products, it does not require high-cost equipment to use.

Product Features



The corners of our Edge Guard enhanced pallet wrap are significantly thicker, allowing for toughness in the area where you need the highest performance against puncture and wear from the drawdown rollers.



Low slip, texturized film for increased machinability and package handling



Capabilities

Layfield Flexible Packaging has been steadily increasing its production capacity. By utilizing new materials and innovative technologies, we have maintained our position as a leader in the packaging industry.

Our vast manufacturing solutions include:

- ✓ Prepress, Graphic Design and Marketing
- ✓ Film Extrusion
- ✓ Flexographic Printing
- ✓ Rotogravure Printing
- ✓ Multiple Converting Capabilities



PTO Bags:

PTO bags on a roll are an ideal solution for use in grocery stores to pack produce and other food products. These bags are for use on automated packaging machines and are widely applicable in manufacturing environments as box-liners and pallet covers, along with other applications.

Layfield can meet your needs for salability, oxygen barriers and flexibility. We value the role our films play in your supply chain and can collaborate with you to create the precise structure you would like.

Our clear roll bags come pre-perforated for easy-tear off and are wound on a strong inner-core that fits most roll dispensers. This is an excellent option for bulky items such as produce. All our roll bags are made from food-grade and approved PE resin.

Performance Features:

- Can add a glossy shine to the film to improve visual appearance
- Engineered and manufactured to enhance the impact and tensile strength of LDPE bags
- Wound up on a multi-inch core for efficient use of tear-off bags
- Heavy-duty thickness ensures complete product protection
- Options for multiple colors

Convenience Features:

- Perforations to allow for easy tear-off
- Comfortable storage of product and dispensing
- Ideal for packaging and shipping large bulky items
- Tear notch slit allows the user to simply tear open the bag
- Industrial grade film with recyclable options available

Barrier Features of PTO

- **UV Stabilized:**
Our Films have been manufactured and layered with additional additives for anti-UV protection and protect the content, even in the presence of high radiation and chemicals.
- **High vapor barriers:**
Food packaging, especially produce, needs to have high vapor barriers. These help to control the oxygen and moisture present within the package.
- **Moisture Protection:**
A package is responsible for ensuring that its contents remain fresh. Our films are designed to guarantee continuous product integrity and crispness by controlling moisture and oxidation.



Other Formats

Layfield offers a wide selection of pallet bags and covers in a variety of sizes, formats, and structures, based on your specific needs.

Box Liners

- Width: 12" - 142"
- Box Liners for gaylord style bulk pallet boxes.
- 2D or gusseted.

Pallet Covers

- Width: 50" - 142"
- Protect pallets, large equipment, and other uniquely shaped products.



North American Manufacturing

Layfield is the only flexible packaging provider with a scalable hybrid and vertically integrated manufacturing strategy. With our state-of-the-art facility based on the West Coast, integrated with a robust international network, we offer custom packaging solutions that consistently provide industry-leading value through our quality, delivery, price, and innovation.

How to Find the Right Partner for Packaging Development?

It's important to find the best packaging supplier who can provide you with a comprehensive range of quality packaging products. When looking for a supplier, it's vital to consider the selection of packaging materials, the quality of the products available, and the rigorous certified quality control systems.

Packaging Experts at Your Service

Our vertically integrated production process streamlines our operations, offering the most efficient and effective package development and manufacturing partnership.

From product conceptualization to post-sales support, our world-class team of experts will support you throughout the entire development process, delivering the right package at the right time.

Certifications

Our products are manufactured under a rigorous quality management and food safety program, certified by IFS PACsecure and ISO 9001.



Layfield's Locations:

- Canada
 - Vancouver, BC
 - Edmonton, AB
 - Calgary, AB
 - Toronto, ON

- USA
 - San Diego, CA
 - Seattle, WA

WeProtect

Our People. Our Communities. Our Environment.

Layfield Group has created the WeProtect program. We are working hard to create products and services we feel proud of; solutions we stand behind. We care for our employees, our communities, and making this world a better place.

Speak to a
LayfieldPackaging Expert
Today to Find Out More!



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