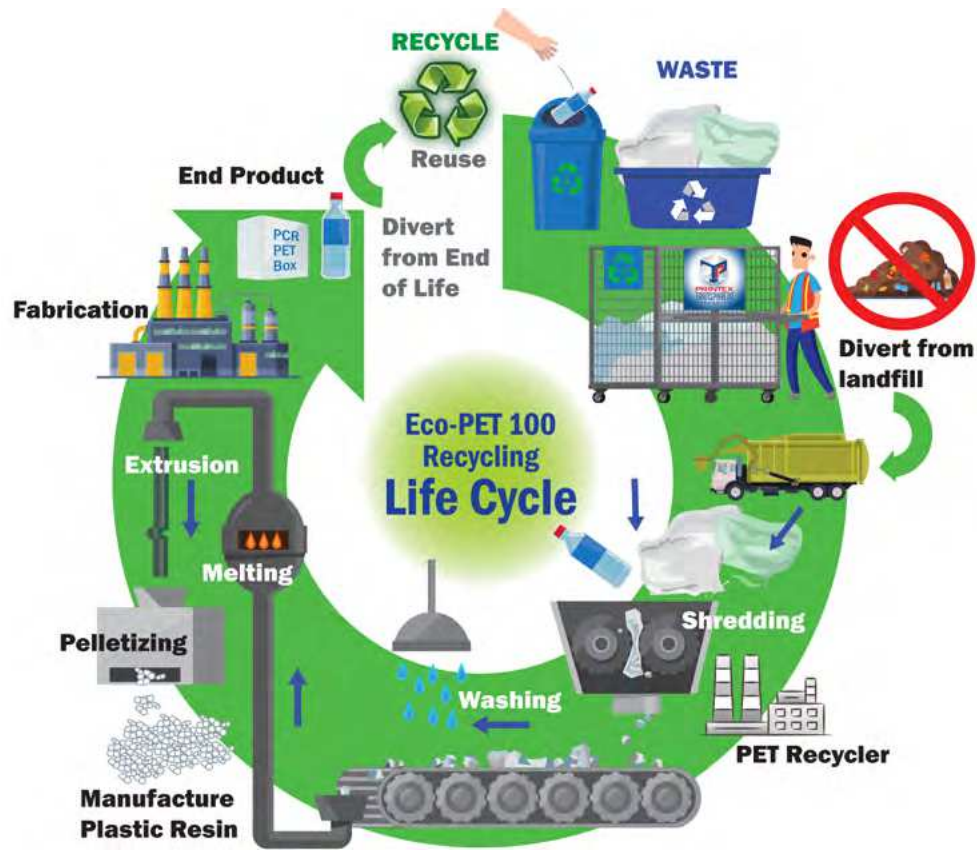




Meeting Sustainability Goals with Post-Consumer Recycled PET

**SUSTAINABLE
DEVELOPMENT
GOALS**





Demand for sustainable products continues to grow as organizations like the United Nations set forth plans to prevent and significantly reduce environmental pollution by 2025. As such, Printex Transparent Packaging understands the need for environmentally friendly packaging. This includes responsible material use, sourcing, and smart packaging design for easy recycling. From concept to delivery, we will help you achieve brand success while maintaining your sustainability goals.

Through state-of-the-art technology and decades of experience, we can create a wide range of custom packaging solutions, including hybrid smart designs for easy end-user recycling and post-consumer recycled PET materials to help your business meet its 2025 sustainability goals.

Responsible Sourcing



When working towards your sustainability goals, working with a packaging partner that prioritizes responsible sourcing is important. This ensures that environmental considerations are taken into account when sourcing materials for eco-friendly product packaging.

Printex Transparent Packaging (PTP) is the largest clear folding box manufacturer in North America utilizing 100% post-consumer recycled PET made domestically in the United States. Our Eco-PET series of packaging solutions diverts waste away from landfills while helping you meet your sustainability goals for 2025 and onward. Our clear post-consumer recycled PET is available with 25%, 50%, and 100% PCR content and is sourced and manufactured domestically to support North American recycling objectives while lowering our carbon footprint.

PTP is continuously working to help you, our customer, find the best cost-effective eco-packaging solution. With the demand for post-consumer recycled PET increasing, we leverage the buying power of our two clear box manufacturing plants to create a price point that can fit within our customers' packaging budget. As more industries turn to use recycled PET for their packaging needs, particularly the high-volume beverage industries, it is becoming increasingly challenging to source post-consumer recycled (PCR) plastic resin or flake. If supplemental offshore supplies are necessary, consideration should be given to countries with more responsible environmental practices. Sustainability is important to you, and we know that this requires responsible sourcing and customized package designs.

Use Less, Recycle More

Lifecycle analysis (LCA) reveals that recycling plastic significantly reduces the burden placed on the environment by reducing carbon dioxide emissions, saving energy, and eliminating material waste. In general, PET proves to have the lowest environmental impact compared to glass and aluminum when it is recycled. Because PCR PET has already been refined and processed once, it is much cleaner and requires less energy to manufacture a second time compared to virgin PET. PCR PET can be used to produce products that can be recycled and reused repeatedly.

Studies have proven that contrary to popular belief, plastics are a greener choice than paper, cotton, glass, aluminum, and metal (as proven by LCA). This is because they are easier to recycle, lightweight, and use less energy to manufacture, resulting in a much lower environmental impact compared to other materials. Plastics account for less than 0.5% of all waste and are proven to reduce the creation of overall waste when recycled and reused.

In addition to utilizing recyclable PET and recycled PET for your clear folding box packaging, our packaging designers in NY, Toronto, and Montreal can create folding box structures that will achieve the high visual impact of using a clear see-through substrate to showcase your product, while also looking for ways to down gage materials or combine substrates such as paper and plastics to move toward your sustainability goals.



One way to reuse plastic materials is through mechanical recycling. This process involves collecting used plastic, washing it, grinding the material, and remelting it into new shapes for repurposing.

Even though plastics are recycled in large quantities worldwide, recycling rates in the United States are dramatically lower than in other countries. With only approximately 9% of plastics currently being recycled in the U.S., there is potential for enormous improvement. Germany is the worldwide leader in plastics recycling, repurposing 56% of its materials. Austria recycles 54%, followed by South Korea at 54%, Wales at 52%, and Switzerland at 50%.

North America has significant room for improvement, and we are determined to promote the use of recycled plastics in our packaging in an effort to move in the right direction.

Support System-Wide Improvements



Printex Transparent Packaging is dedicated to helping companies meet 2025 sustainability goals and is supporting system-wide improvements by using post-consumer recycled PET upon request.

PET rated as PET-1 is completely recyclable and is the most recycled type of plastic in the world. Investment in plastics recycling continues to grow, as PET beverages and water bottles are now commonly collected by local municipalities. The bottles are disinfected and ground into flakes which can then be transformed into 100% PCR transparent sheets. Printex can source the sheets and manufacture them into clear PET cartons to meet our customers' packaging needs.

Progress We've Made So Far on These Sustainable Packaging Goals

As the largest clear folding box manufacturer and the largest company to use 100% PCR PET made in the United States, we now offer three PCR products that include:

- **Eco-PET 25:** Consists of 25% PCR (Post-Consumer Recycled) PET
- **Eco-PET 50:** Consists of 50% PCR (Post-Consumer Recycled) PET
- **Eco-PET 100:** Consists of 100% PCR (Post-Consumer Recycled) PET

Post-Consumer Recycled content of 25%, 50%, and 100% available



Eco-PET 25
25% PCR PET



Eco-PET 50
50% PCR PET



Eco-PET 100
100% PCR PET

By using recycled PET materials that can be domestically sourced and recycled, we can effectively support your recycling goals and our own green environment by reducing pollution caused by ships importing goods.

Imported products from China get transported on container ships that consume a massive amount of fuel and burn excess carbon into the atmosphere. While mostly unregulated, these ships carry up to 1 mm gallons of bulk heavy oil fuel, with more than 1 mm gallons of the crude oil being burnt daily over a 15 to 20-day journey.

Printex firmly believes that reducing our carbon footprint requires North American companies to purchase products domestically wherever possible. This reduces pollution, supports domestic manufacturing careers, and eliminates many supply chain problems, while at the same time increasing your speed to market.

Sustainable Packaging Solutions from PTP

With many businesses looking to boost their sustainability practices by 2025, it's important to work with packaging companies that prioritize the use of environmentally friendly materials and practices. At Printex Transparent Packaging, we provide our customers with a range of clear packaging designs to make their products stand out to consumers while ensuring optimal protection. By using materials such as our Eco-PET series, we can manufacture packaging that has already been recycled and can be recycled many times over.



We strive to help our customers meet their 2025 sustainability goals with our range of PCR PET packaging materials. Regardless of your requirements, we can work with you to create the ideal packaging solution that meets your specific needs while also being environmentally sound.

For more information about how our products can help you meet your sustainability goals, **contact us** or **request a quote** from our talented team today.

About Us

Transparent Packaging began life as a union of three already respected packaging companies: Transparent Packaging Inc., Sicht Pack and Look Packaging. The combined experience of these three companies allowed Transparent Packaging to expand and develop packaging that defines the field. Transparent Packaging proved to be resourceful in its manufacturing processes. The company created innovations in a variety of areas: clear folding cartons and sleeves, point of purchase gravity feeders, backlit signs, clear extension tubes, and more.

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