



# **LIGHT, SAFE & RECYCLABLE**

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Your PET plastic egg carton is environmentally friendly. Not only is it recyclable but it contains recycled PET plastic, the same plastic used to manufacture plastic bottles and many other plastic food containers. PET plastic egg cartons have over 50% recycled content and can be recycled into new egg cartons for up to seven cycles.

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**PET is the type of plastic labeled with the #1 code on or near the bottom of bottles and containers and is commonly used to package soft drinks, water, juice, eggs and vegetable oil.**

Your PET plastic egg carton is light, transparent, shatter-resistant, safe and recyclable. It is a unique egg package with crystal-clear transparency that ensures good visibility of the eggs and labels. Its flexibility prevents eggs from cracking when handled or stored, and ventilation slots have also been added to prevent humidity build-up and extend the freshness of your eggs.

It is environmentally friendly packaging. PET plastic egg cartons have over 50% recycled PET plastic content and can be recycled into new egg cartons for up to seven cycles.

Part of the recycled PET we use comes from recycled PET bottles. It is important that we use recycled PET bottles because it allows our egg packaging to be recycled with the other PET bottles and containers you put in your recycling bins.

PET plastic is the most recycled plastic in the world. In North America, about 25% of PET containers are recycled. These results are improving. In Switzerland, for instance, 78% of PET bottles are recycled!



**Your egg  
packaging is  
environmentally  
friendly.**

Recycled PET plastics need significantly less energy and water to produce than virgin plastic and result in lower greenhouse gas emissions and solid waste.

Using recycled PET plastic to manufacture PET plastic egg cartons saves 60% in energy and avoids using thousands of litres of petroleum each year to produce virgin PET plastic.

Since the weight of a PET plastic egg carton is minimal, less fuel is used for transportation to your grocery store and other food outlets.



# Frequently asked questions

## What is PET?

PET stands for polyethylene terephthalate, commonly abbreviated as PET or PETE.

PET is a thermoplastic polymer resin within the polyester family. It is used to produce egg cartons, as well as beverage, food and other liquid containers. It is also commonly used as a synthetic fibre to manufacture insulation fleece, fabrics and carpets. It contains oxygen, hydrogen and carbon.

## Why should I recycle my plastic PET egg cartons?

When you recycle PET plastics, you contribute to regenerating the raw material used to produce new packaging like our PET plastic egg cartons. Recycling PET plastics reduces the quantity of virgin material needed, and therefore, the volume of greenhouse gases produced.

## How does it work?

As you do with your used PET plastic bottles, once you put your empty PET plastic egg cartons into your recycling bins, they are collected and taken to a recycling centre known as material recovery facility (MRF), where they are sorted and baled.

Your egg carton is designed to allow the recycled paper label to be easily peeled off by you, the sorting facility or during the process of washing recycled PET at the plastic recycling plant. Your local government and/or waste collection agency collects the empty PET packaging that is referred to in the recycling industry as "post-consumer PET."

The post-consumer PET collected at material recovery facilities is sorted and separated from other materials such as metal, aluminum, glass and other rigid plastic containers, drink cartons, and anything else that isn't made out of PET.

The recycling code for PET is number 1, which makes it easy to identify during the sorting process.

Post-consumer PET is often sorted into different colours: transparent or uncoloured PET, blue and green PET, and the remainder into a mixed colours category. This sorted post-consumer PET waste is crushed, pressed into bales and offered for sale to recycling companies.

Your PET egg containers are made of transparent PET. Transparent PET plastic is a valuable asset for your recyclers. On the recycling market, transparent post-consumer PET is worth more than blue and green post-consumer PET.

Recycling companies treat post-consumer PET by shredding the material into small fragments. These fragments still contain residues of the original content, shredded paper labels and plastic caps. These are removed by different processes, resulting in pure PET fragments, or PET flakes.

PET flakes are used as the raw material for a range of products that would otherwise be made of polyester. Examples include polyester fibres for the production of clothing, carpets, polyester sheets or new egg cartons!

Since egg packaging and bottles are made of the same grade of PET plastic, they are easily recycled into new products or plastic packaging.

### **Why is there only 50% recycled PET plastic in a plastic egg carton?**

Should more PET bottles and PET egg cartons be recycled, we would significantly reduce the quantity of virgin PET needed. New processing systems are already enabling sizeable increases in the amount of post-consumer, recycled PET flakes.

