



LIFE CYCLE

From Bottles to Fabric



1

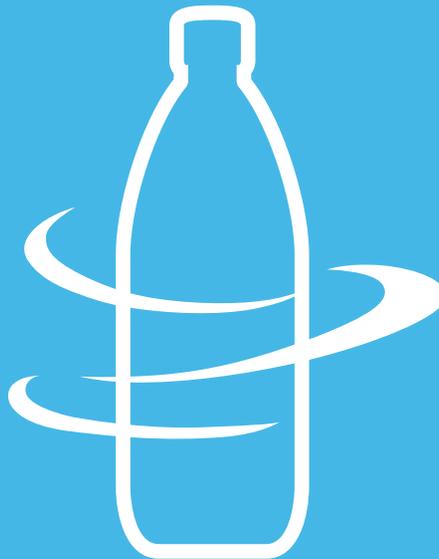
Plastic PET containers are picked up at community recycling centers, then sorted by type and color.

2

They are stripped of their labels and caps, washed, and crushed, then chopped into flake.

3

The baled fiber can be processed into fabric for a variety of textile product end uses.

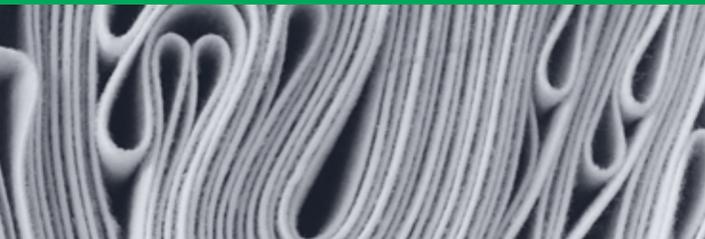


Recycled & Recyclable PET Fiber



In today's world, more and more people are concerned about the environment. With so many disposable products on the market, it's no wonder eco-friendly products have become such a hot topic. From manufacturers to consumers, there are several ways to help preserve the environment. Performance Materials has changed the way in which it produces its polyester fiber and fabrics by making textiles from recycled materials.

Consumers are faced with many choices when it comes to which products to buy. Our hope is that consumers think responsibly and buy products made from recycled materials, like Eco-fi.



What is Eco-fi?

Eco-fi is a PET fiber made with 100% recycled plastic bottles. It can be used to make a number of textile products such as clothing, wall coverings, auto interiors, and craft felt. It can be blended with a number of other fibers, such as cotton or wool, for enhanced qualities.

Our supply of recycled PET is received with product certification and specification test data. This ensures the criteria for 100% recycled PET fiber and the quality level of the material are met. Supplier certifications are available upon request.



Facts About BOTTLES

- Two million plastic bottles are used in the USA every ten minutes
- Globally, 51 billion plastic bottles go into landfills annually – laid end-to-end they would wrap around the Earth five times
- It will take 700 years before plastic bottles in landfills start to decompose
- Less than 30% of plastic bottles in the USA are actually recycled
- Currently only 11 US states have bottle deposits

Reducing Our Environmental Impact

Through products like **Eco-fi**, we are keeping billions of plastic PET bottles out of the world's landfills each year by using recycled PET plastic bottles instead of virgin materials. By doing this, we can lower harmful air emissions and save millions of barrels of oil from being used, which, in turn, reduces the harmful effects of acid rain, global warming, and smog.

An Easy Guide: 10 bottles = 1 pound of fiber

(approximate due to variation in size and thickness of bottles)

Quality PET Fiber

Fabrics made from **Eco-fi** fiber are chemically and functionally nearly identical to those made from nonrecycled fiber. The difference is that **Eco-fi** fiber is made without depleting the Earth's natural resources. With properties such as strength, softness, shrinkage-resistance, and colorfastness, market applications for **Eco-fi** are expanding every day.

Leading manufacturers have given their endorsement to **Eco-fi** as the fiber of choice for delivering exceptional technical qualities to their products.