PLASTIPAK’S BOTTLE TO BOTTLE RECYCLING APPROACH

USED BOTTLES
Used plastic bottles are collected by Clean Tech to start the recycling process.

RECYCLING SOLUTIONS
Clean Tech uses advanced technologies to recycle billions of used plastic bottles.

PCR RESIN MAKING
Recycling results in post-consumer recycled resin which will be used to make new bottles.

PACKAGING DEVELOPMENT
Unique bottle designs using post-consumer recycled resin are developed and tested.

NEW BOTTLE MANUFACTURING
New bottles are manufactured using sustainable technologies.

PRODUCT FILLING AND DISTRIBUTION
The new bottles are filled and sent to the marketplace.

PRODUCT CONSUMPTION
Consumers around the world enjoy their favorite products in convenient plastic packaging.

RECYCLING COUNCIL
Used bottles which are placed in recycling bins by consumers are collected for recycling.

AEROSOL TECHNOLOGY
Lightweight PET aerosol containers have a low carbon footprint for use in a wide range of applications.

DIAMOND CLEAR
DiamondClear™ redlines barrier technology with exceptional clarity while extending shelf life.

DIRECT OBJECT PRINTING
This sustainable printing option uses environmentally-friendly ink and eliminates label substrates.

HDPE TECHNOLOGIES
Durability meets recyclability in HDPE plastic packaging with size flexibility for high volume output.

PET TECHNOLOGIES
Plastipak maximizes the reusable characteristics of PET plastic with lightweight, recyclable packaging.

POST-CONSUMER RECYCLED RESIN
Plastipak’s resin making capabilities provide customers with environmentally-friendly packaging options.

THERMALITE™
Thermalite™ jars offer transport savings with an 85% weight reduction compared to glass alternatives.

TECHNOLOGIES
ThermoShape™ technology offers decreased container weight with low energy, air and cooling costs.

VIRGIN RESIN MAKING
Plastipak’s manufacture of 100% virgin PET resin streamlines the production process and supply chain.

SUSTAINABILITY AT A GLANCE

Recycling PET and HDPE at Clean Tech Since 1989

Plastipak’s global sustainability efforts keep 20+ billion bottles out of landfills every year.

Our global recycling centers process more than 600 million pounds of plastic containers annually.

No have capacity to produce 300+ million pounds of post-consumer recycled food-grade PET resin.

In Europe, Plastipak is the largest producer of the top 5 U.S. plastic recyclers.

Our Victoville, California site earned LEED Gold Certification for its high-performance green building.

Our Jackson Center, Ohio site for sustainability efforts.

Our Victorville, California site earned LEED Gold Certification for its high-performance green building.

We have capacity to produce 300+ million pounds of post-consumer recycled food-grade PET resin.

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WHO WE ARE

Aerosol Technology
Clean Tech
Recycling PET and HDPE at our Global Recycling Centers

Packaging Innovation and Recycling Solutions

New bottle Manufacturing

Used bottles

Recycling solutions

PCR resin making

Packaging development

Who we are

Innovations in sustainable technologies

Sustainability at a glance

Reusing Partnerships & Associations

Recycling Counts

Recycling Counts

Sustainability Awards

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1992 Plastipak was the largest producer of 100% post-consumer recycled PET resin.

1999 Plastipak’s Simply Orange Bottle was awarded the Best of Show Award in the PAC Gold Sustainable Category.

2014 Honorable Mention as a Detroit Free Press Michigan Green Leader

2019 Best Business Initiative of the Year at the Plastics Industry Awards

2019 Best Environmental or Energy Efficiency Initiative of the Year at the Plastics Industry Awards

2017 Sustainability Wt of Honor for Plastipak Brazil from Jussara

2014 DuPont Gold Award for Technological Advancement and Responsible Packaging for Direct Object Printing

1989 DuPont Environmental Award for the first food container made with 25% post-consumer recycled PET resin.

2014 Plastipak’s Simply Orange Bottle

2019 25% post-consumer recycled PET resin (PET PCR or rPET)

2015 Best of Show Award in the PAC Gold Sustainable Category for Plastipak’s Simply Orange Bottle

2015 Best Environmental or Energy Efficiency Initiative of the Year at the Plastics Industry Awards

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