



2020

SUSTAINABILITY GUIDE

OUR ENVIRONMENTAL VISION

“PakTech believes that sustainable behavior is absolutely required to preserve and maintain our quality and diversity of life and the Earth’s ecosystems on which it depends,” PakTech president Jim Borg says. “By incorporating maximum sustainability into our work culture, business practices and products, we strive to fulfill our collective responsibility in protecting our environment and enhancing social and economic aspects of society. It’s the right thing to do.”

100% POST-CONSUMER RECYCLED

PCR material is made from household #2 HDPE recycled products such as milk, water, juice, and other HDPE containers.

100% RECYCLABLE

When recycled second life PakTech handles see a third life as composite lumber, park benches, planter pots, new PakTech handles and more.

PCR PRODUCTION

Uses 90% less energy, 100% less petroleum, and offsets enough greenhouse gasses to equal 1,615 fewer cars on the road, or not having used 2,619,787 gallons of gasoline every year vs. virgin plastic production.



WHAT IS PCR RESIN?

100% Post Consumer Natural HDPE #2 is Recycled Thermoplastic

- Milk Jugs
- Water Jugs
- Juice Containers
- Other Un-Pigmented Household Containers



PakTech has **Repurposed over 450 Million Milk Jugs** into Handles



WHAT HAPPENS ONCE HANDLES ARE RECYCLED?

When PakTech Handles are recycled they are:

- Collected by Plastic Reprocessors
- Shredded
- Washed
- Extruded into Pellets
- Reprocessed into new products such as:
 - Park Benches
 - Planter Pots
 - Composite Lumber
 - Pipe
 - New PakTech handles
 - Etc...



PAKTECH HAS:

**REPURPOSED OVER
450 MILLION RECYCLED
MILK JUGS INTO
PAKTECH HANDLES**



PAKTECH HAS:

**SAVED 23 ACRES OF LAND
FROM BEING USED AS
LANDFILL WASTE**



PAKTECH HAS:

**KEPT 59 MILLION POUNDS
OF PLASTIC OUT OF THE
LANDFILLS AND OCEAN**



PACKAGING SOURCE STUDY:

CONSUMERS CARE MOST ABOUT RECYCLING



[CLICK HERE TO WATCH A VIDEO ON PAKTECH'S RECYCLING STORY](#)



LIFE CYCLE ASSESSMENT:

PAKTECH HANDLES
OUTPERFORM BOXBOARD IN
ENVIRONMENTAL ANALYSIS

Results provided by EPI utilizing PIQET 4.0 Life Cycle Assessment

ANALYSIS RELATIVE PERFORMANCE

*In all metrics analyzed, the PakTech Handle outperforms the boxboard carton

6PCE-202-260-PCR
100% Post-Consumer
Recycled Resin



VS.



Coated
Recycled
Boxboard

The charts below reflect the environmental impact % increase of the boxboard carton.

