



## SUSTAINABILITY

### FLEXIBLE PACKAGING SUSTAINABILITY BENEFITS

Flexible packaging offers a number of sustainability benefits throughout the entire life cycle of the package when compared to other packaging formats including:

#### REDUCED:

- GHG emissions
- Materials to landfill
- Food waste
- Packaging materials

#### IMPROVED:

- Resource efficiencies
- Storage footprint
- Product-to-packaging ratio
- Transportation benefits

### FLEXIBLE PACKAGING COMPARED TO OTHER PACKAGING FORMATS – IN USE



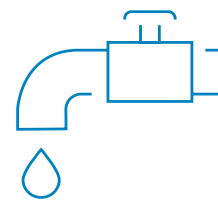
#### CARBON IMPACT

A rigid PET container for laundry detergent pods emits +726% more greenhouse gases than a flexible pouch with a zipper.



#### FOSSIL FUEL USAGE

A rigid pail for cat litter packaging consumes +1,429% more fossil fuel than a flexible bag.



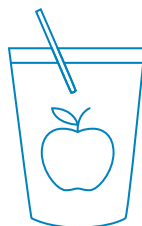
#### WATER USAGE

A HDPE bottle for motor oil packaging consumes +513% more water than a flexible pouch with a fitment.  
A steel can for packaging coffee consumes +1,605% more water than a flexible pouch.



#### MATERIAL TO LANDFILL

+31% more thermoformed tubs for food packaging end up in landfill compared to a flexible pouch.



#### PRODUCT TO PACKAGE RATIO

A single serve juice flexible pouch efficiently uses packaging with a product to package ratio of 97% compared to a can.

# INNOVATIVE PACKAGING SOLUTIONS FROM PRINTPACK

Printpack develops innovative packaging solutions that deliver a distinct advantage at the shelf, strengthen brand identity in the minds of consumers and help brand owners optimize speed-to-market strategies. Packaging innovation plays a critical role in influencing the way consumers value, choose, and use products.

## RENEWABLE

- Reduce dependency on petrochemicals
- USDA certified biobased product
- Demonstrated commercial success



## BEGINNING LIFE

## PCR

- Increase demand for recycling and drive the circular economy
- Packaging contains recycled plastics (primarily PET, HDPE, PP)
- Developing commercial structures



## RECYCLABILITY

- Today's most viable circular solution
- How2Recycle certified packaging
- Demonstrated commercial success



## INDUSTRIAL COMPOSTABLE

- When recycling is not an option or to meet legislation requirements
- Utilize to help meet food waste goals
- Developing commercial structures



## NEXT LIFE



Contact a Printpack representative regarding your specific packaging application.



2800 Overlook Parkway, Atlanta, GA 30339  
 800-451-9985 | info@printpack.com  
 printpack.com