



TRICORBRAUN.COM | [f](#) [t](#) [in](#) [@](#)

TRICORBRAUN®

Responsible Packaging for **Food**

RIGID & FLEXIBLE OPTIONS | STOCK & CUSTOM SOLUTIONS



Kindness and Mischief Coffee
Compostable and
renewable materials



MUDWTR
Recyclable and reusable



Reed + Gwen
Recycled material



Just Made
Bio-resin



Project Clean
Recycled material



Soma Apple Cider
Recyclable



Alamo Red
Lightweight



Moody Ales
Recyclable



Tag No.5 Vodka
Lightweight



Tandem Coffee Roasters
Fully compostable and
BPI certified



Truman's
Refillable



Juice Plus+
Reduced plastic



Kentucky Peerless
Recyclable

A PASSION FOR PACKAGING

Responsibility is the new sustainability. The Covid-19 pandemic brought many shifts in consumer behavior, and with this evolution came an expanded definition of sustainability. There is now a keen awareness of the demanding consumer economy and how easily it affects both our delicate ecosystems and evolving communities.

The new sustainable mindset encompasses the balance of both environmental and social “responsibility.” Consumers recognize their impact and are striving to make choices, or purchases, that benefit the greater good. However, it’s not just consumers. Government legislation and large retailers are also placing responsibility on brand owners to minimize the heavy burden of single-use plastics and other packaging pieces on the environment.

Brands that take measurable action toward environmental and social improvement and communicate their goals effectively will win their consumer’s trust, and ultimately, purchase loyalty.

87% of consumers agreed that companies have a responsibility to protect the planet and its people, according to a study conducted by Wunderman Thompson Intelligence.

Savvy brands will leverage primary packaging to tell their story. Every brand will have unique goals. At TricorBraun, we help our customers navigate this journey by evaluating various materials and methods in order to provide the most responsible packaging solution for their product.

We leverage our global supply chain expertise, expansive and sustainable footprint, and unmatched purchasing power to identify the best sourcing partners and cost-effective solutions for our customers.

In a world full of complexity, deadlines and budget constraints, we never lose sight of your brand objectives and the undeniable role that packaging plays in the success of new and refreshed products. This way you can remain focused on what’s inside the package.

| GOVERNMENT LEGISLATION | LARGE RETAILERS | CONSUMERS |
|--|--|--|
| <ul style="list-style-type: none">• UK and some EU nations have a virgin resin tax, other countries considering similar policy• Several US states have passed or are considering legislation covering recycled content requirements, labeling claims, and EPR initiatives• Affects production, marketing and disposal of packaging | <ul style="list-style-type: none">• Implementing sustainable packaging commitments and goals with target completion dates of 2025-2030• Focus on private label, but multinational brands are taking heed to ensure better brand positioning and retail shelf space• Focus on refillable, recyclable, or reusable | <ul style="list-style-type: none">• 54% say the sustainability of the packaging is a factor in their product selection process• Millennials and Gen Z are choosing to pay more for sustainable options• Loyalty is driven by corporate responsibility and sustainability initiatives |

Comparing Sustainable Packaging Options

MATERIAL SELECTION



LEAST EXPENSIVE

NON-PLASTIC

Paper

- Breaks down faster and is compostable in some forms
- Can be 100% recyclable if no coatings or films are required for the formula

PCR (POST-CONSUMER RESIN)*

PET

- Easily recyclable
- Natural color has gray tint
- Odor can be present

PE

- Maintains barrier properties of virgin PE
- Limited supply available in natural color
- Odor can be present

PP

- Limited supply
- Works best with dark colorant
- Odor can be present

Ocean Bound

- Reduces plastic waste bound for the ocean
- Limited supply available
- Cost is typically 2X virgin resin

**Food-grade PCR increases cost*

NON-PLASTIC

Glass

- 100% recyclable and reusable
- Fragile and heavier to ship

Aluminum

- 100% recyclable, durable and ideal for reuse
- Requires higher MOQs
- Limited supply

BIODEGRADABLE ADDITIVES

(Flexibles, HDPE, LDPE, PE)

- Can improve biodegradability or compostability
- Low durability and barrier properties
- >5% bio-resin coded as #7 (non-recyclable), exceptions exist for PE and PET
- Supply and scalability can be a limiting factor

DISCLAIMER: This is meant to be a general guide. Pricing scale is extremely relative to the size of the package, tooling, and any material adders for compatibility. Contact us for the most up-to-date information.



ALTERNATIVE RESINS

Bio-Resins

- Reduces use of petroleum-based resins
- Can be added in increments as low as 5%
- >5% bio-resin coded as #7 (non-recyclable), exceptions exist for PE and PET
- Requires extensive stability and compatibility testing
- Cost is typically 3X virgin resin



MOST EXPENSIVE

CHEMICALLY RECYCLED RESINS

- 100% recycled content
- Comparable in quality and color to virgin resin

OTHER SOLUTIONS

MONO-MATERIAL

- Made with one resin, or a combination of resins from the same family
- Optimal for single-stream recycling
- Limited supply available for multi-component products

ALL-PLASTIC

- All components made of plastic (no metal), but resins types can differ
- May be easier to recycle than mixed-material products (validate with testing)
- Pricing can be higher than mixed-materials products
- Major retailers are trending towards all-plastic requirements

LIGHTWEIGHTED

- Reduces unnecessary plastic
- More efficient to ship
- Testing required to assure package integrity

REFILLABLE & REUSABLE

- Reduces single-use packaging materials
- Should be easy to clean

DESIGN OPTIMIZATION

- Improves pack out
- Reduces shipping emissions
- Increases filling line efficiency

OPERATIONAL IMPROVEMENTS

- Optimize logistics to reduce carbon footprint
- Reduce downtime and/or waste of unnecessary resources



PRODUCT FOCUS: RESPONSIBLE PACKAGING

CATEGORY INSIGHT

Based on consumer insights in the category, we have identified the top three packaging implications.



Graza

IMPROVED RECYCLABILITY

- Monomaterial or all-plastic
- 100% recyclable materials
- Recycled material resins



Haven's Kitchen

ACCOUNTABILITY

- Honest and demonstrable claims
- Ingredient and manufacturing transparency on-pack
- Trusted certifications



HLTHPUNK

ETHICAL

- Locally sourced ingredients communicated on-pack
- Less single-use plastic packaging
- Reusable

TricorBraun is able to source stock or custom design package solutions focused on Improved Recyclability, Accountability, and Ethical solutions.



A close-up photograph of a person's hand reaching towards a dish. The dish features a vibrant red plate with a dollop of white sauce and a garnish of fresh green herbs, including large, serrated leaves and small green sprigs. The background is softly blurred, showing a person in a blue shirt. A semi-transparent white box is overlaid on the center of the image, containing the text "STOCK SOLUTIONS".

STOCK SOLUTIONS

TRICORBRAUN.COM



GLASS RING NECK BOTTLE

Fill Capacity: 12oz

Neck Finish: 38-400 CT



GLASS DECANTER

Fill Capacity: 16oz

Neck Finish: 38-400 CT



GLASS ROUND JAR

Fill Capacity: 12oz

Neck Finish: 70-2030 Lug



GLASS ROUND JAR

Fill Capacity: 16.5oz

Neck Finish: 70-450 CT



GLASS STRAIGHT-SIDE JAR

Fill Capacity: 16.5oz

Neck Finish: 82-2040 Lug



GLASS STRAIGHT-SIDE JAR

Fill Capacity: 24oz

Neck Finish: 82-2040 Lug





PRODUCT FOCUS: RESPONSIBLE PACKAGING



COMPOSTABLE PAPER TIN-TIE BAG

Sizes: 8, 16oz

Material: Paper with PLA (polylactic acid) lining. PLA is a clear, crisp film made from the sugars in corn starch and works well for items with a higher oil content.

Color: Natural kraft



BIOTRĒ 3.0

Sizes: 6, 8, 10, 12, 14, 16oz; 2lbs

Styles: Block bottom bag with optional valve and/or pocket zipper, stand-up pouch with zipper, side gusset bag with optional valve

Material: Biotrē 3.0 is a high-barrier flexible packaging film made from renewable and compostable resources such as wood pulp. **The entire bag is certified compostable by the Biodegradable Products Institute (BPI).**

Colors: White, black, natural kraft



POLYRECYCLE™ BY TRICORBRAUN FLEX

Material: PolyRecycle™ is a How2Recycle® pre-approved, flexible polyethylene (PE) film packaging material ideal for dry, free-flowing products including specialty food and powders.

Available now and pre-qualified for store drop-off by consumers in the US, and curbside in Canada.



HiVIS PUMP: HV4-1

Output: 4ml (0.2oz)

Neck Finish: 28-400 with locking feature



HiVIS PUMP: HV15-1

Output: 15ml (0.5oz)

Neck Finish: 38-400 with locking feature



HiVIS PUMP: HV10-2

Output: 10ml (0.3oz)

Neck Finish: 38-400 with locking feature



HiVIS PUMP: HV15-2

Output: 15ml (0.5oz)

Neck Finish: 38-400 with optional locking feature



HiVIS PUMP: HV30-2

Output: 30ml (1.0oz)


Neck Finish: 38-400 with optional locking feature



HiVIS PUMP: HV8-1

Output: 7.5ml (0.25oz)

Neck Finish: 28-400, 38-400 with locking feature



Hivis

DISPENSING PUMP SYSTEMS

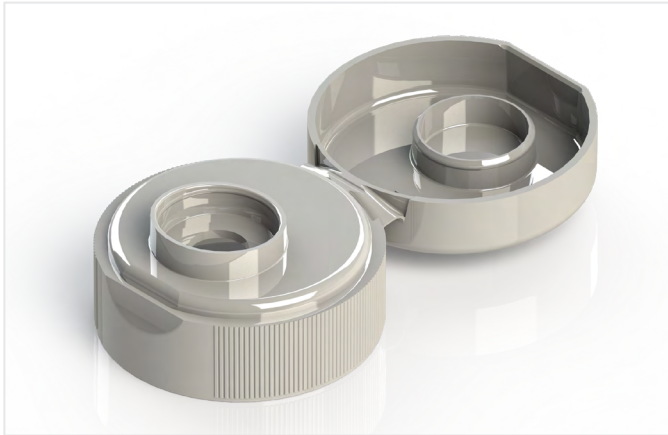
A cost-effective pump solution with controlled dispensing and a no-drip nozzle that's **convenient and customizable**. Ideal for large format refill packaging.



CAPS AND CLOSURES

Material: PP, PCR (varying percentages)

Various colors, sizes, and styles available including: large diameter closures (70-120mm), dispensing (flip tops, spout caps, spice sifters), continuous thread (CT), embossed/debossed, smooth/ribbed closures



FLIP LITE DISPENSING CLOSURE

Neck Finish: 28-400

Orifice Diameter: 0.125, 0.25, 0.375, 0.475in

Material: PP, 100% PCR available

Colors: White, black, custom

Approximately 15% lighter weight than the average 28mm flip top closure.



CONDIMENT CLOSURE

Neck Finish: 33, 38mm; single-wall smooth or ribbed

Material: PP, 100% PCR available

Colors: White, black, custom



HOT FILL PET BOTTLES

Fill Capacity: 12, 17.5 fl oz

Neck Finish: 38-400

Material: PET PCR



SPOUTED FLEXIBLE POUCH

Fill Capacity: 12, 32, 64 fl oz

Spout Diameter: 10, 13, 13mm

Consider spouted pouches as your primary package solution, or, as part of a sustainable refill system.





HONEY BEAR WITH LABEL PANEL

Fill Capacity: 8, 12, 24oz

Neck Finish: 38-400

Material/Finishes: 100% PCR PET



PET BOTTLES AND JARS

Material: PET PCR

Various styles available including packaging for: sauces, oils, dressings, spices, condiments, snacks, spreads, nut butters, and more!

PRODUCT FOCUS: RESPONSIBLE PACKAGING



MULTI-SERVE PINCH-GRIP JARS

Fill Capacity: 64, 120oz

Neck Finish: 110mm

Material:

64oz: up to 100% PCR, bio-additive

120oz: PET or rPET



STRAIGHT-WALL JARS

Fill Capacity: 10, 15, 20oz

Neck Finish: 63mm (10oz) and 89mm

Material: PET or rPET



PCR SCOOPS

Sizes:

Scoops: 0.15 - 2.5cc, 4 - 18cc, 20 - 35cc, 9 - 65 cc, 90 - 148 cc

Graduated cups: 4 - 16 oz

Specialty spoons: 1/4 tsp to 1 tbsp

Material: PP PCR (up to 100%)

Finish: Natural gray can be tinted, handles can be embossed



SQUARE TUBS

Fill Capacity and Shape: Custom (hybrid structure allows for limitless combinations of materials, sizes, shapes, and closure styles)

Material: Manufacturable with custom ratios of virgin, compostable or bio-based materials (including pulp and fiber)

Able to be processed at material recovery facilities (MRFs), nests for transport, reduces plastic use, and maintains strength while being lightweight.



SQUARE TUBS AND LIDS

Fill Capacity: 8, 12, 16oz

Dimensions: 3.828 x 4.6 in, 3.83 x 4.6 in, 3.83 x 4.6 in

Material: PP

Colors: Clarified

ROUND TUBS AND LIDS

Fill Capacity: 8, 12, 16oz

Dimensions: Ø3.79 x 2.14in, Ø4.57 x 2.4in, Ø4.57 x 3.03in

Material: PP

Colors:

8oz: White, translucent, clarified

12, 16oz: White, translucent



CUSTOM DESIGN

Our Design and Engineering team consists of experienced team members in Category and Consumer Insight, Graphic and Industrial Design, Engineering, Quality, and Project Management. Our team's make-up ensures custom designs resonate with consumers (both functionally and aesthetically) and are manufactured to specification to ensure package performance.

We are able to customize the full package.

From bottle to closure, to unique label designs and decoration. We build more than 400 custom projects annually, hold hundreds of utility and design patents, and have earned more than 100 renowned industry awards.

The following concepts are designed for consumers, refined for manufacturability, and available for development.

Glass is reusable and
infinitely recyclable

Square footprint improves
shipping efficiencies

PS label, shrink
sleeve or silk screen
decoration

CUSTOM DESIGN

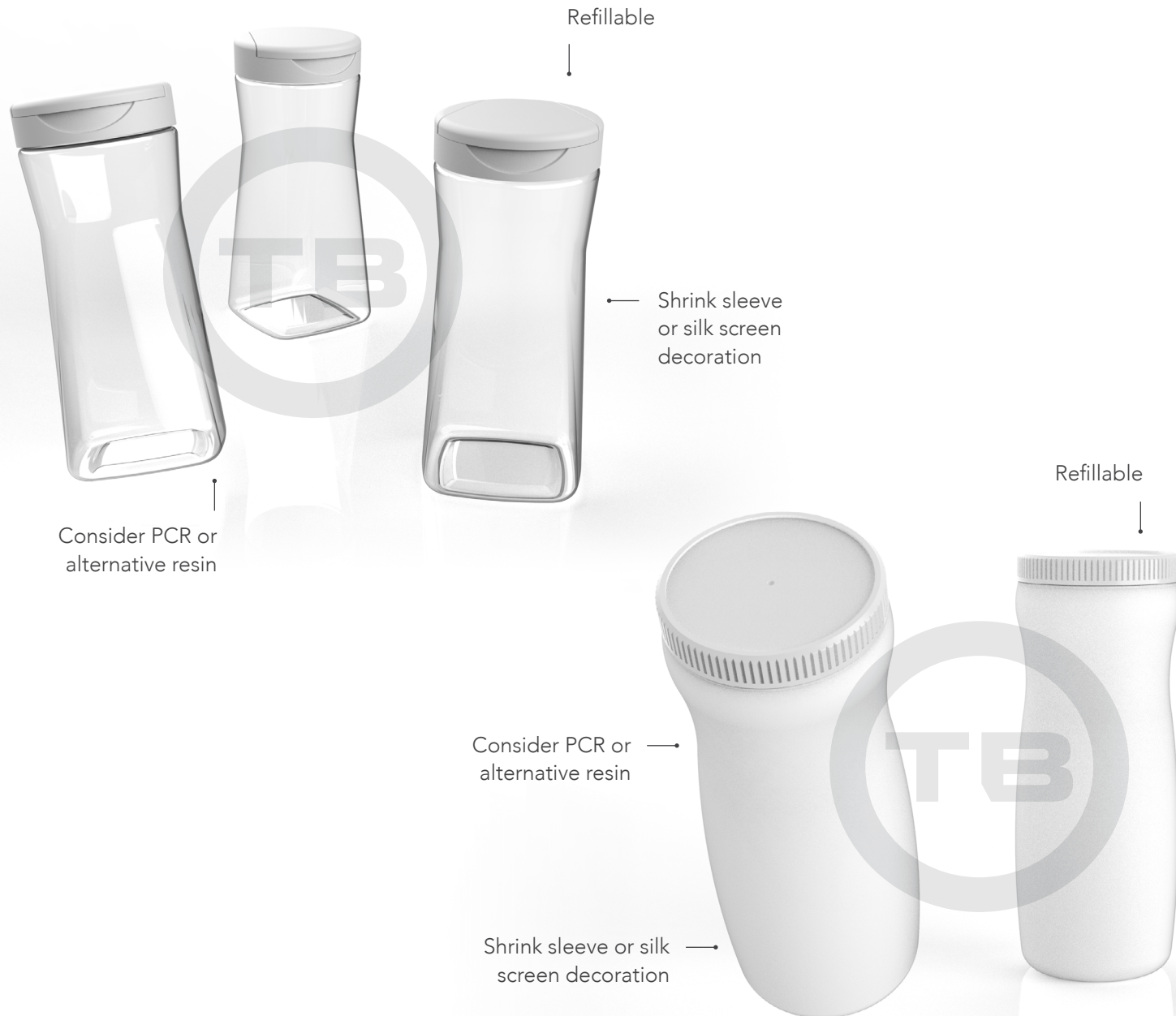


CUSTOM DESIGN



PS label, shrink —
sleeve or silk
screen decoration

— Glass is reusable and
infinitely recyclable



CUSTOM DESIGN



Shrink sleeve or silk —
screen decoration

— Consider PCR or
alternative resin

Business Ethics and Responsibility at TricorBraun

Doing things the right way related to environmental, social, and governance (ESG) is part of our company culture. We take intentional actions to operate with strong ethics, as well as to continue improving our sustainability profile for the benefit of our customers, suppliers, team members, communities, and the environment.

We know you have ESG expectations for the companies you work with. We are committed to sustainable and ethical practices throughout packaging design and development, procurement and supplier partner management, team member development, facility operations, and stakeholder relationships.

Ready to explore how your packaging can reflect
your commitment to being a responsible brand?
Contact our award-winning team to get started.

Email us at marketing@tricorbraun.com

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