



PET Bottles for Beer and Flavored Alcoholic Beverages (FAB)

Package of Choice

Whether gearing up for the big game or relaxing by the pool, consumers are choosing PET bottles for today's on-the-go lifestyle. Light and shatterproof, Ball's PET bottles for beer and flavored alcoholic beverages can extend your reach to consumers at sports and entertainment events, barbeques, beaches and other outdoor occasions.



Consumer Appeal

- Convenient and lightweight; take them anywhere, even where glass is not allowed
- Premium look and clarity of glass at a fraction of the weight
- Thinner walls than glass bottles; same volume of product with less packaging
- Crown closure duplicates glass bottle appearance; PCO closure easy to open and reclose

Business Advantages

- Can replicate existing glass containers' shape and color or create new designs
- Meets strict beer and FAB packaging requirements with a variety of barriers including multi-layer, monolayer and KHS Plasmax® internal barrier coating
- KHS Plasmax® internal barrier coating offers
 - Unlimited empty bottle shelf life
 - Easy removal of barrier during recycling process; no contamination of the recycling stream
- Bottles run on existing glass filling lines at comparable speeds with minimal modifications

A Sustainable Choice

- Reduce secondary packaging with lighter carriers/boxes
- Lightweight packaging allows more cases per pallet/truck for fewer shipments, lower transportation costs, reduced carbon emissions
- 100 percent recyclable into new products like carpeting, fabrics or new bottles
- PET produces fewer greenhouse gas emissions and pollutants than glass during manufacturing and transport
- Widely accepted in curbside and drop-off recycling programs

PET Bottles for Beer and Flavored Alcoholic Beverages

12 oz Long Neck 26mm Crown Finish



Gram Wt.: 36.5
Major Diameter: 2.380
Height: 8.300
Label Panel
Diameter: 2.360
Label Panel
Height: 3.580

12 oz Select 26mm Crown Finish



Gram Wt.: 36.5
Major Diameter: 2.426
Height: 7.911
Label Panel
Diameter: 2.426
Label Panel
Height: 2.337

12 oz Mid Neck 28mm PCO



Gram Wt.: 34
Major Diameter: 2.303
Height: 8.682
Label Panel
Diameter: 2.276
Label Panel
Height: 3.616

12 oz Slope FAB 28mm PCO Finish



Gram Wt.: 34
Major Diameter: 2.426
Height: 8.000
Label Panel
Diameter: 2.406
Label Panel
Height: 3.250

375 ml Tapered FAB 28mm PCO Finish



Gram Wt.: 34
Major Diameter: 2.480
Height: 8.163
Label Panel
Diameter: 2.480
Label Panel
Height: 4.380

16 oz Mid Neck 28mm PCO Finish



Gram Wt.: 34
Major Diameter: 2.531
Height: 9.387
Label Panel
Diameter: 2.501
Label Panel
Height: 3.790

16 oz Long Neck 26mm Crown Finish



Gram Wt.: 36.5
Major Diameter: 2.510
Height: 9.388
Label Panel
Diameter: 2.490
Label Panel
Height: 3.950

16 oz Pasteurizable 28mm PCO Finish



Gram Wt.: 34
Major Diameter: 2.531
Height: 9.370
Label Panel
Diameter: 2.501
Label Panel
Height: 3.790

For more information, please contact:

(303) 460-4444 • PlasticFoodBevSales@ball.com

* Drawings and complete specifications are available upon request.



Eat. Drink. Imagine.

www.ball.com

PET Bottles for Beer and Flavored Alcoholic Beverages

Material Details

- Bottles are available with either the Plasmax SiOx coating or Ball's proprietary multi-layer barrier technology
- PET bottles are FDA-approved and have a recycle code #1

Filling

- Plastic friendly line lube recommended
- Bottle cleaning
 - Air rinse preferred
 - Rinse Water: pH < 5 optimum, up to pH 7.5 acceptable if not allowed to dry inside the container
- Contents acidity
 - pH < 4.5 optimum
 - 4.5 < pH < 7.5 requires approval
- Max Fill Temp: 120° F
- Max warmer Temp: 110° F
- Max Carbonation
 - 3.3 volumes for champagne base
- Max top load for capping: 40 lbs-f
 - Neck supports recommended for crown-finish bottles

Palletizing/Shipping

- Bottles are bulk palletized on 44 x 56 returnable plastic pallets, cardboard separator sheets and plastic top frames; collectively called dunnage.
- Finished pallets are stretch wrapped and banded with plastic straps.
- Don't store bottles above 100°F or let sit in direct sunlight

- Pallet/Truckload quantities
 - 12oz Long Neck: 5,313 / 116,886
 - 12oz Select: 5,280 / 116,160
 - 12oz Mid Neck: 5,313 / 116,886
 - 12oz Slope FAB: 5,280 / 116,160
 - 375ml Tapered: 5,040 / 110,880
 - 16oz Mid Neck: 3,990 / 87,780
 - 16oz Long Neck: 3,990 / 87,780
 - 16oz Pasteurizable: 3,990 / 87,780

Shelf Life Performance

- OTR's (oxygen transmission ratings)*
 - 12 oz: 0.003 cc/pkg/day
 - 16 oz: 0.003 cc/pkg/day
- CO₂ Loss*
 - 12 oz: 0.005 gv/pkg/day
 - 16 oz: 0.005 gv/pkg/day
- UV Protection
 - Clear: 90% UV blockage at 380 nm
 - Amber: 100% UV blockage at 400 nm

*Based on using 28mm PCO closure with oxygen scavenging/EVA liner

Pricing, Lead Times and Availability

For pricing or other questions please contact your Ball sales manager or call 303-460-4444.