

Product ID: 10 | Category: PET

Sport Drink Bottle

Lightweight PET bottle with high transparency, ideal for sport drinks and soft drinks.

General Information

MATERIAL

PET (Polyethylene Terephthalate)

NECK FINISH

28mm PCO

WEIGHT (500ML)

10-12g

TRANSPARENCY

90-92%

TEMPERATURE RANGE

70-85°C

RECYCLING CODE

1 (PET)

Available Specifications

Volume	Available Colors	Price Range (USD)
500ml	Clear, Blue, Green	\$0.45 - \$0.50
1L	Clear, Blue, Green	\$0.55 - \$0.60
1.5L	Clear, Blue, Green	\$0.70 - \$0.75
2L	Clear, Blue, Green	\$0.95 - \$1.00

Key Features

- ✓ 100% food-grade PET material certified for direct food contact
- ✓ Excellent gas barrier properties for carbonated sport drinks
- ✓ Lightweight design reduces shipping costs and environmental impact
- ✓ Shatter-resistant construction for safety during sports activities
- ✓ High transparency shows beverage content clearly
- ✓ FDA approved for food and beverage applications
- ✓ Fully recyclable with high recovery rates

Applications

Ideal for sport drinks, energy drinks, electrolyte beverages, isotonic drinks, and other active hydration products. Perfect for gyms, sports events, and fitness centers.

Technical Specifications

DENSITY

1.38 g/cm³

MELTING POINT

250-260°C

TENSILE STRENGTH

50-70 MPa

OXYGEN PERMEABILITY

Low (excellent barrier)

WALL THICKNESS

0.25-0.35mm

GLASS TRANSITION TEMP

70-80°C

Quality Standards & Certifications

ISO 9001:2015

FDA Approved

EU 10/2011

REACH Compliant

RoHS Compliant

BRC Certified

Note: All products are manufactured in ISO-certified facilities with strict quality control measures.

Storage & Handling

- ✓ Store in cool, dry place away from direct sunlight
- ✓ Recommended storage temperature: 15-25°C
- ✓ Protect from sharp objects and mechanical damage
- ✓ Stack pallets maximum 3 high to prevent deformation
- ✓ Use clean, dry handling equipment

Environmental Information

RECYCLABILITY

100% Recyclable

CARBON FOOTPRINT

Reduced manufacturing process

MATERIAL RECOVERY

High recovery rate (70-80%)

SUSTAINABILITY

rPET options available