

Product ID: 8 | Category: PC

# Thermal Bottle

Premium PC thermal bottle with excellent heat retention

## General Information

**MATERIAL**

PC (Polycarbonate) - BPA Free

**NECK FINISH**

Wide Mouth Screw Cap

**WEIGHT (1L)**

200-350g

**TRANSPARENCY**

89-91% (Outer Layer)

**TEMPERATURE RANGE**

-100°C to 135°C

**INSULATION TYPE**

Double Wall Vacuum

## Available Specifications

Volume	Available Colors	Price Range (USD)
500ml	Clear, Blue, Green	\$2.00 - \$2.10
1L	Clear, Blue, Green	\$2.50 - \$2.60
1.5L	Clear, Blue, Green	\$3.00 - \$3.10
2L	Clear, Blue, Green	\$3.50 - \$3.60

## Key Features

- ✓ Vacuum insulation technology for superior temperature retention
- ✓ Keeps beverages hot for 12-24 hours
- ✓ Maintains cold temperatures for 24-48 hours
- ✓ BPA-free certified polycarbonate material
- ✓ Leak-proof design with secure screw cap
- ✓ Wide mouth opening for easy ice cube addition
- ✓ Double wall construction prevents condensation

## Applications

Perfect for hot beverages (coffee, tea, soup), cold drinks (water, juice, smoothies), travel, office use, outdoor adventures, camping, and daily commuting. Ideal for maintaining beverage temperature throughout the day.

## Technical Specifications

### DENSITY

1.20 g/cm<sup>3</sup>

### HEAT RETENTION

12-24 hours (hot)

### COLD RETENTION

24-48 hours (cold)

### CONSTRUCTION

Double wall vacuum

### MOUTH OPENING

Wide (53mm)

### CONDENSATION

None (insulated)

## Temperature Retention Performance

Time Period	Hot Beverage (95°C)	Cold Beverage (4°C)
6 hours	Above 75°C	Below 10°C
12 hours	Above 60°C	Below 12°C
24 hours	Above 45°C	Below 15°C
48 hours	-	Below 18°C

## Quality Standards & Certifications

BPA-Free Certified

FDA Approved

EU 10/2011

REACH Compliant

Leak Tested

Thermal Tested

**Note:** Each bottle undergoes thermal performance testing to ensure specifications are met.

## Care & Maintenance

- ✓ Hand wash recommended for longevity
- ✓ Do not use in microwave or freezer
- ✓ Clean with warm soapy water after each use
- ✓ Dry thoroughly before storing
- ✓ Do not use bleach or harsh chemicals
- ✓ Check seal regularly for optimal performance

## Design Features

### HANDLE

Ergonomic carry handle

### CAP DESIGN

Double seal technology

### BASE

Non-slip silicone

### FINISH

Scratch-resistant

## Environmental Information

### RECYCLABILITY

Components recyclable

### RECYCLING CODE

7 (PC)

### REUSABILITY

5000+ uses

### LIFE SPAN

10+ years