

Corning® Triple-bagged PET Bottles for Clean Room Applications

For controlled sterility and environmental control requirements

CORNING



Corning's polyethylene terephthalate (PET) disposable bottles portfolio offers a triple-bagged packaging option for customers requiring the safest and most convenient solution to increased sterility requirements. The bottles are designed for safe, secure storage of tissue culture media, sera, buffers, and other aqueous solutions. This upgraded packaging is the safest and most convenient solution for applications in which sterility needs to be assured. Corning PET triple-bagged bottles features a Sterility Assurance Level (SAL) of 10^{-6} , while preventing external contamination for strict environmental control. The PET resin makes the bottle lightweight, break-resistant, and as transparent as glass.

Triple-bagged for safety and convenience

- ▶ Triple-bagged in two outer bags, and shrink-wrapped trays to ensure cleanliness
- ▶ Innovative HDPE screw cap is validated against IATA standards to ensure leak-proof air transport conditions (only for sizes 125 mL through 1L)
- ▶ Available in six sizes: 30 mL, 60 mL, 125 mL, 250 mL, 500 mL, and 1L
- ▶ Molded graduations for accurate measurements
- ▶ Break-resistant bottles are an ergonomic and easy to handle alternative to glass
- ▶ Bottles have Sterility Assurance Level (SAL) of 10^{-6}
- ▶ Bottle materials meet USP Class VI requirements and are noncytotoxic, nonhemolytic, and nonpyrogenic



1. Contained in a twist-tied liner (Bag 1), the entire case contents of triple-bagged bottles can easily be removed from the corrugated box for clean area storage.



2. At the first stage, the outer twist-tied bag (Bag 1) is opened, and the twist-tied inner bag (Bag 2) is removed.



3. At the second stage, the inner twist-tied bag is opened (Bag 2), and shrink-wrapped trays (Bag 3, sterile barrier) are removed.



4. Reaching the point of use, these inner sterile barriers (Bag 3, shrink-wrapped trays) are opened, and the bottles are removed for use.

Physical Properties of Corning® PET Bottles



Molded graduations for accurate measurements

	Chemical Resistance		Sterilization	Thermal Durability
	Recommended	Not Recommended		
Polyethylene Terephthalate (PET) Bottles	Weak acids	Strong acids, ketones, aliphatic, aromatic, and chlorinated hydrocarbons	Do not autoclave	50°C

Ordering Information

Cat. No.	Capacity	Neck I.D. (mm)	Screw Cap (mm)	Screw Cap Color	Qty/Tray	Qty/Cs
432229	30 mL	18	21	Natural	24	240
432230	60 mL	18	21	Natural	24	192
432231*	125 mL	31.7	34.7	Natural	24	96
432232*	250 mL	31.7	34.7	Natural	24	72
432233*	500 mL	31.7	34.7	Natural	12	48
432234*	1L	31.7	34.7	Natural	12	24

*With leak-proof screw cap validated against IATA standards.

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