

Corning Incorporated  
Life Sciences

Registered ISO 9001

## Product description

**Catalog Number**      **432333**

**Product Description:** **Corning® Octagonal PET Bottle 500mL Graduated, 31mm IATA-Validated Screw Cap Sterile, Pre-assembled, 12/Tray, 24/Case**

**Component Materials:**

- Bottle - PET, clear, non-cytotoxic, non-hemolytic, meets USP, Class VI requirements for plastic containers and closures.
- Cap - HDPE, natural, non-cytotoxic, non-hemolytic, meets USP, Class VI requirements for plastic containers and closures.

**Attributes:**

- Capacity - 500 mL; Tolerance:  $\pm 50$  mL at any mark
- Product Dimensions - 173 mm Height (with cap locked); 171 mm Height (w/o cap); 74 mm Width; 42 mm Cap OD; 31.7 mm Neck ID

**Autoclaving:**

This product is not suitable for autoclaving.

**Heating / Cooling:**

This product is designed for use at temperatures ranging from -40°C to 50°C.

**Special Features:**

The product is supplied with the cap in place but not locked.  
This product is manufactured in an environment maintained to the standards of a Class 100 clean room.

**Sterilization:**

This product is sterilized using an irradiation method compliant with the requirements of ANSI/AAMI/ISO 11137 to achieve a Sterility Assurance Level (SAL) of  $10^{-6}$ .

**Leakproof:**

With a torque value of 2,5N.m (22lb.in), this product meets IATA Packaging Instruction 650 requirements to ensure leakproof performance during air transport conditions; however, this is not designed for packaging and transport of UN3373 Biological and Infectious Substances.

**Pyrogens:**

This product is evaluated for pyrogens according to USP 31 and meets the requirements for classification as non-pyrogenic. Results less than 0.1 EU/mL.

**Expiration Statement:**

This product is defined to have an expiration date of 3 years from the date of manufacture.

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