



Autoclavable Carboy (Polypropylene) Product Disclaimer



Description:

Carboys are specially designed to improve performance in laboratories. The versatility of the VersaCap™ system and the optional spigot allow the carboy to be customized to fit any purpose. Carboys are designed to be leak proof. Handles on the top and bottom make the carboy easier to lift. The innovative, rectangular base takes up less space than a traditional round carboy.

Product Features:

- PP resin is food grade, and conforms to USP Class VI standards
- Larger opening at the top for easier filling and cleaning (Available on 20 and 40 Liter models)
- Larger handles on the top, and grips on the bottom make lifting easier
- Carboys are easily identified with volume and material embossed on three sides
- Space-saving, rectangular design makes optimum use of your lab bench
- VersaCap™ Technology
- Carboy, Cap and Spigot are autoclavable (See instructions below)

WARNING

DO NOT use carboys under pressure, vacuum or heat greater than 83°C. Such use may result in product failure, and/or personal injury.

DO NOT store strong oxidizing agents in carboys.

DO NOT place any plastic labware in a flame.

DO NOT mix any chemicals that may result in a thermic reaction, which can cause product failure.

Consult local fire codes prior to storage of flammable liquids in carboys.

Consult OSHA prior to handling or lifting filled carboys.

Use graduation marks for reference only, accuracy is $\pm 5\%$.

If applicable: Using the spigot as a handle can ruin the threads and cause the spigot not to seal properly.

Cleaning:

Carboys need to be cleaned by hand using a non-abrasive, neutral pH, mild detergent that does not contain a sheeting agent.

Cap and Spigot Cleaning: (if applicable)

1. Remove O-ring from cap.
2. Disassemble spigot.
3. Spray and wipe the spigot, cap and O-ring with 70% Isopropyl Alcohol.
4. Rinse all parts with DI water.
5. Replace O-ring in cap.
6. Autoclave to sterilize.

Autoclaving:

- Recommended cycle for autoclaving is 121°C at 15 psi for 20 minutes.
- Do NOT place the cap on the carboy, place the cap next to the carboy on the floor of the Autoclave chamber. Autoclaving a sealed carboy can cause internal pressure which can deform the carboy.
- If autoclaving more than one liter of liquid it will take longer to reach the correct temperature.
- It may be practical to autoclave an empty bottle, and then add sterilized liquid using in-line filtration directly into the sterilized container.
- If the containers are not vented properly during the autoclaving and cooling process a partial vacuum could form causing the bottle to collapse. The cap should remain disengaged until the carboy reaches room temperature.
- Carboys that have spigots must be empty when autoclaved (Heat may cause spigot to leak.)
- Disassemble spigot before autoclaving.
- Some carboys may appear cloudy after autoclaving because of the absorption of water. Cloudiness will dissipate as the plastic dries, but can be accelerated using a drying oven.
- Transparent carboys may end up with a glazed surface after autoclaving because of added chemicals in the steam.