

Store More with Corning

Corning® Square Polycarbonate Storage Bottles

New square polycarbonate storage bottles are easier to handle, require less space (13-20%) on the shelf or in the autoclave and are ideal for mixing, sampling and storage. Polycarbonate resin makes them more break resistant than glass and plastic bottles. Bottles use a linerless, one-piece autoclavable orange GL45 threaded polypropylene plug seal cap.

Features

- ▶ Good for storage of media, buffers and other aqueous solutions
- ▶ Able to maintain pH
- ▶ Can withstand -80°C temperature and repeated thawing
- ▶ Available in four sizes: 125 mL, 250 mL, 500 mL and 1L
- ▶ GL45 size cap provides easier access for liquid transfer
- ▶ Screened white enamel graduations are easier to see than molded graduations
- ▶ Individually packaged bottles are sterilized by gamma radiation and are nonpyrogenic
- ▶ Large white marking spot for easier identification and easy opening linear tear packaging
- ▶ Bottles can be autoclaved once at 121°C and 15 psi. Repeated autoclaving weakens polycarbonate and is not recommended.



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Corning offers reusable GL45 septa caps for these storage bottles with a choice of silicone septa or PTFE-faced silicone septa.

Corning® Square Polycarbonate Storage Bottles Technical Information

Visit the Technical Information section of our website at <http://www.corning.com/lifesciences> for these and other technical resources:

- ▶ Properties of Corning Plasticware
- ▶ Chemical Compatibility of Corning Plasticware

Corning Square Polycarbonate Storage Bottles Ordering Information

Cat No.	Capacity (mL)	Neck Size (mm)	Qty/ Pk	Qty/Cs
431430	150	45	12	24
431431	250	45	12	24
431432	500	45	12	24
431433	1000	45	12	24

Optional Caps and Septa

Cat No.	Description	Thread Finish	Qty/Cs
1395-45HTSC	Cap, open top PBT high temperature	GL45	10
1395-45SS	Septa, Silicone	NA	10
1395-45TS	Septa, PTFE-Faced Silicone	NA	10

Note: most GL45 threaded caps designed for glass storage bottles use a different sealing design and will not give a secure seal if used on these plastic bottles.

Caution: These square polycarbonate bottles should NOT be used with bottle top filter units, or in other applications involving vacuum pressure, as breakage may occur. DO NOT tighten caps immediately after autoclaving as the vacuum resulting from cooling can cause breakage.

For additional Corning product, technical, or distributor information, please e-mail us at CLStechserv@corning.com, visit our website www.corning.com/lifesciences or call 1.800.492.1110. Outside the United States, call 978.442.2200.

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