

SPL PET Square Media Bottles

Exclusively Provided by Savillex

Manufactured by SPL Life Sciences, Savillex SPL PET (polyethylene terephthalate) Square Media Bottles are a reliable option for a variety of biotech and pharmaceutical applications. Their shape and high-strength plastic composition make them ideal for the storage and transport of cell culture reagents, general reagents, and other media.

Available in five sizes, they are available for immediate shipment and use within your scientific applications.

Design Features

Savillex SPL PET Bottles combine excellent strength and durability with near glass-level clarity. Their square shape helps to maximize space saving while facilitating labeling and process handling.

These heavy-duty containers include a high-density polyethylene (HDPE) lugged closure, which is engineered to provide a leakproof seal and sub-zero crack resistance. They also feature easy-to-read molded-in graduations.



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Technical Features

The bottles are manufactured in an ISO 8 cleanroom using high grade PET resin, which is heated and injection molded into their square shape. This results in a final product that has strong chemical resistance against mild acids, oils, and alcohol. Furthermore, Savillex SPL PET Square Media Bottles are flexible and lightweight while providing resistance to abrasion and breakage. They also feature a working temperature range of -40°C to 70°C (-40°F to 158°F).

All materials meet the requirements of international guidelines, such as the FDA (21 CFR) and the European Pharmacopoeia.



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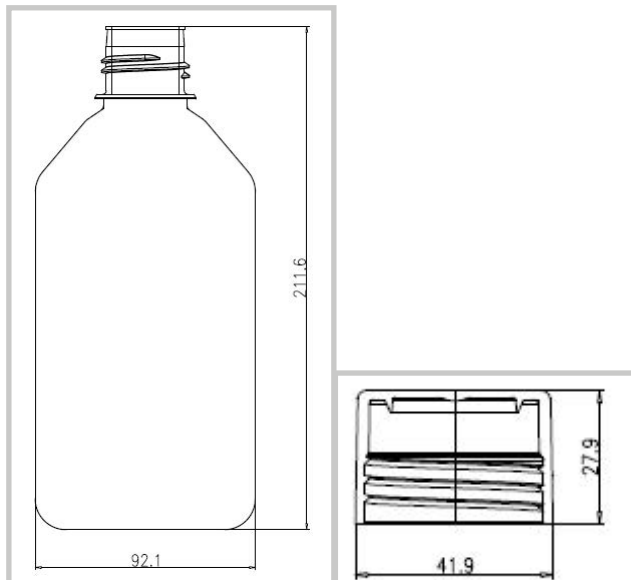
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Sterilization

All SavilleX SPL PET Square Media Bottles are sterilized via E-beam irradiation with a 5-year shelf life to ensure the highest level of sterility and clarity. Sterilization processes are validated to ensure an SAL (sterility assurance level) of 10^{-6} , which is the industry standard for use in aseptic applications. Bottles have also been tested to ensure compatibility with dry heat sterilization to 250°C for up to a two-hour exposure time.

Available Sizes and Packaging

Bottles are shrink-wrapped and packed in double-walled, corrugated cardboard boxes. They are offered in five fill sizes: 60 mL, 100 mL (125 mL expanded), 250 mL, 500 mL (650 mL expanded), and 1000 mL. Individually packed bottles (cell culture grade) and other bottle types are available upon request.



Technical drawing of 1000 mL SPL PET Square Media Bottle

Functional Testing

Test	Result
Sterility	Passed
Cytotoxicity	Passed
Non-Pyrogenic	Passed
DNase/RNase-Free	Passed
DNA Free	Passed
Non-Hemolytic	Passed

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Ordering Information

Part #	Description	Quantity
172-SC-56060	60 mL PET SQUARE MEDIA BOTTLE, STERILE, SPL	200/case
172-SC-56125	125 mL PET SQUARE MEDIA BOTTLE, STERILE, SPL	96/case
172-SC-56250	250 mL PET SQUARE MEDIA BOTTLE, STERILE, SPL	60/case
172-SC-56500	500 mL PET SQUARE MEDIA BOTTLE, STERILE, SPL	48/case
172-SC-56000	1000 mL PET SQUARE MEDIA BOTTLE, STERILE, SPL	24/case

For Research Use Only.
Not intended for use in diagnostic or therapeutic procedures.



SavilleX

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