

Purillex® PETG Square Media Bottle Lab Pack

Savillex Data Sheet

Created specifically for use in the life sciences and manufactured with USP Class VI-compliant resin, Savillex Purillex® PETG Square Media Lab Pack Bottles are an excellent choice for secure liquid media packaging and ingredients storage.

They are ideally suited for use in a variety of critical applications in media manufacturing, research, drug development, and biopharmaceutical production, and are manufactured 100% in the USA.

Design Features

Our heavy-duty PETG bottles include a high-density polyethylene (HDPE) lugged closure which is engineered to provide a leakproof seal. Their square, practical, and optically clear design make for easy labeling, storage, process handling, and pouring.



1000 mL Purillex PETG
Lab Pack Bottle

The injection molding process produces excellent thread quality and avoids the need for secondary bottle lip machining, greatly reducing particulate contamination risk and ensuring a high integrity seal - without requiring secondary seals or inserts. Designed for manual and automated fill lines, they are durable and shatter-resistant.

Purillex PETG Bottles have been crafted to serve as seamless replacements for competing PETG media bottles. Savillex also offers the ability to produce custom components, assemblies, and variations aligned to your specific needs in a timely manner.

Lab Pack

Purillex PETG Square Media Bottle Lab Packs combine convenience, security, and material quality to meet the unique demands of laboratory and research settings. They are packaged with 50% fewer bottles than standard cases - making them a great option for smaller-scale laboratories requiring reduced inventory for limited usage.

Purillex PETG Square Media Lab Pack bottles also feature a heat-shrink band, providing visual assurance of product integrity and safety. Additional benefits include:

- Ideal for pilot production batches where sterility and security are paramount
- Reduced storage & waste requirements for smaller operations
- Specifically designed to handle reagents, buffers, culture media, and other sensitive solutions

Purillex® PETG Square Media Bottle Lab Pack

Savillex Data Sheet

Resin Characteristics

The resin used in Purillex PETG Bottles is non-pyrogenic, non-cytotoxic, and recyclable. It creates an optically clear finished product that's compatible with a wide range of chemicals and has a low leachable and extractable profile.

PETG offers excellent chemical and temperature resistance which is beneficial in applications that include freeze/thaw steps. It also produces exceptional gas barrier properties - including a reduced permeability to CO₂ and O₂.

Sterilization Method and Temperature Range

Material	Sterilization Method	Working Temperature Range
PETG	Gamma irradiation	-121°F to 158°F (-85°C to 70°C)



Purillex PETG Square Media Bottle
Lab Pack, 500 mL

Available Sizes and Sterility

Purillex PETG bottles are available in 125 mL, 250 mL, 500 mL, and 1000 mL sizes (2000 mL coming in 2025). All sizes come with molded graduations. All four sizes of Purillex PETG Square Media Bottles are available sterile. The sterilization process is validated to ensure an SAL (sterility assurance level) of 10⁻⁶ which is the industry standard for use in aseptic applications. All sterile Purillex PETG Square Media Bottles have a 5-year shelf life.

Packaging

For convenience, Purillex PETG Bottle Lab Packs are packaged in alignment with current industry standards. Bottles are arranged on individually shrink-wrapped trays, stacked on top of each other, and double-bagged. The double-bagged trays are placed in a recyclable corrugated box. Labels are present on the shrink wrap of each tray, the outer bag, and the corrugated box. A Certificate of Conformance is included with both sterile and non-sterile Purillex PETG Square Media Bottles, while a Certificate of Processing is included with each sterile lot only.

Purillex PETG Bottle Lab Pack Ordering Information

Part #	Description	Quantity
160-04-0125-LP	125 mL Purillex® PETG Square Media Bottle, Heat-Shrink Band, Sterile	24/tray/2 trays/48 bottles/case
160-04-0250-LP	250 mL Purillex® PETG Square Media Bottle, Heat-Shrink Band, Sterile	30/tray/1 tray/30 bottles/case
160-04-0500-LP	500 mL Purillex® PETG Square Media Bottle, Heat-Shrink Band, Sterile	20/tray/1 tray/20 bottles/case
160-04-1000-LP	1000 mL Purillex® PETG Square Media Bottle, Heat-Shrink Band, Sterile	12/tray/1 tray/12 bottles/case

*All products listed above feature a 38-430 closure size.

[Click here to learn more, order samples, and buy online!](#)

Purillex® is a registered trademark of Savillex, LLC.



Savillex

10321 West 70th St. | Eden Prairie, MN 55344-3446 USA | Phone: 952.935.4100
Email: info@savillex.com | www.savillex.com

DS029 011124