

# Purillex® PETG Square Media Bottles

## Savillex Data Sheet

Created specifically for use in the life sciences and manufactured with USP Class VI-compliant resin, Savillex Purillex® PETG Square Media 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.



*Purillex PETG Square Media  
Bottle, 1000 mL*

### 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.

The injection molding process produces excellent thread quality and avoids the need for secondary machining of the bottle lip, greatly reducing the risk of particulate contamination. A high integrity seal is ensured without the need for 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.

### Resin Characteristics

The resin used in Purillex PETG Square Media Bottles is non-pyrogenic, non-cytotoxic, and recyclable. It produces 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 especially beneficial in applications that include freeze/thaw steps. It also produces exceptional gas barrier properties - including a reduced permeability to CO<sub>2</sub> and O<sub>2</sub>.

### Available Sizes

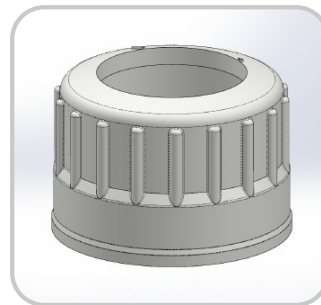
Purillex PETG bottles are available in 125 mL, 250 mL, 500 mL, and 1000 mL sizes. All sizes come with molded graduations.

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### Available Sterile or Non-Sterile

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.



38-430 HDPE Retaining Ring

### Packaging

For convenience, Purillex PETG Square Media Bottles 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. A Certificate of Processing is included with each lot of sterile Purillex PETG Square Media Bottles.

### Sterilization Method and Working Temperature Range

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

### Bottle Ordering Information ([click here to shop online & order samples](#))

Part #	Description	Closure	Quantity
160-04-0125-S	125 mL Purillex PETG Square Media Bottle, Sterile	38-430	24/Tray/4/Trays/Case/96
160-04-0125	125 mL Purillex PETG Square Media Bottle, Non-Sterile	38-430	24/Tray/4/Trays/Case/96
160-04-0250-S	250 mL Purillex PETG Square Media Bottle, Sterile	38-430	30/Tray/2/Trays/Case/60
160-04-0250	250 mL Purillex PETG Square Media Bottle, Non-Sterile	38-430	30/Tray/2/Trays/Case/60
160-04-0500-S	500 mL Purillex PETG Square Media Bottle, Sterile	38-430	20/Tray/2/Trays/Case/40
160-04-0500	500 mL Purillex PETG Square Media Bottle, Non-Sterile	38-430	20/Tray/2/Trays/Case/40
160-04-1000-S	1000 mL Purillex PETG Square Media Bottle, Sterile	38-430	12/Tray/2/Trays/Case/24
160-04-1000	1000 mL Purillex PETG Square Media Bottle, Non-Sterile	38-430	12/Tray/2/Trays/Case/24
160-04-0125-LP	125 mL Purillex PETG Square Media Bottle, Heat-Shrink Band, Sterile	38-430	24/Tray/2/Trays/Case/48
160-04-0250-LP	250 mL Purillex PETG Square Media Bottle, Heat-Shrink Band, Sterile	38-430	30/Tray/1/Trays/Case/30
160-04-0500-LP	500 mL Purillex PETG Square Media Bottle, Heat-Shrink Band, Sterile	38-430	20/Tray/1/Trays/Case/20
160-04-1000-LP	1000 mL Purillex PETG Square Media Bottle, Heat-Shrink Band, Sterile	38-430	12/Tray/1/Trays/Case/12
670-038-05-PK	38-430 HDPE Retaining Ring - Pack of 10	38-430	Pack of 10
670-038-05-CS	38-430 HDPE Retaining Ring - Case of 100	38-430	Case of 100

Purillex® is a registered trademark of Savillex, LLC.



**Savillex**

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