

# Purillex® PETG

## Square Media Bottles

### Frequently Asked Questions

#### What is the difference between PET and PETG square media bottles?

PETG (polyethylene terephthalate glycol) has glycol added to the PET polymer, which offers the following advantages for life sciences users:

- Greater impact resistance with increased durability
- An improved gas barrier, making it less permeable to oxygen and carbon dioxide
- Greater temperature resistance especially in applications that include freeze/thaw steps



*Purillex® PETG Square Media Bottles*

#### Where are Purillex PETG Square Media Bottles manufactured?

They are manufactured exclusively in the USA, at our new production facility located in Bloomington, Minnesota.

#### What is the temperature range for Purillex PETG Square Media Bottles?

For general use, the recommended temperature range is -40°C to 70°C (-40°F to 158°F). The freeze point of Purillex PETG Square Media Bottles is -85°C.

#### What are the design features of Purillex PETG Square Media Bottles?

- Square footprint for optimal filling, storage, use, and transport
- Distinctive leakproof HDPE closure for use in a variety of lab and production environments
- Neck flange for user application of shrink band to assure integrity of final product content
- Volumetric molded-in graduations for easy visual reference

#### What are the resin characteristics of Purillex PETG Square Media Bottles?

- Non-pyrogenic and non-cytotoxic
- USP Class VI
- Low leachable and extractable profile
- Optically clear
- Recyclable
- Compatible with a wide range of chemicals
- Durable and resistant to breakage



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### What certificates are included with Purillex PETG Square Media Bottles?

- A Certificate of Conformance will be included with each lot of both sterile and non-sterile Purillex PETG Square Media Bottles.
- A Certificate of Processing will be included with each lot of sterile Purillex PETG Square Media Bottles.

### How are Purillex PETG Square Media Bottles packaged?

For convenience purposes, packaging design is in line with current industry standards. Bottles are arranged on individually shrink-wrapped trays, which are stacked on top of each other and double-bagged. The double-bagged trays are then placed in a corrugated recyclable box. Labels are present on the shrink wrap of each tray, the outer bag, and the corrugated box.

### What is the shelf life of sterile Purillex PETG Square Media Bottles?

All sterile Purillex PETG Square Media Bottles have a 5-year shelf life.



*Sample case of Purillex® PETG Square Media Bottles*

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**Savillex**

10321 West 70th St. | Eden Prairie, MN 55344-3446 USA | Phone: 952.935.4100  
Email: [info@savillex.com](mailto:info@savillex.com) | [www.savillex.com](http://www.savillex.com)

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