

# BOTTLE SOLUTIONS

Customized & Assembled for You



## Bottle & Flask Assemblies for Bioprocessing

Purity One™ bottle assemblies are engineered for aseptic fluid storage, sampling, and handling applications. Manufactured in an ISO Class 7 Cleanroom, Purity One’s bottle assemblies are constructed from USP Class VI and animal free materials.

Our *standard bottle assemblies* come gamma sterile (SAL 10<sup>-6</sup>) with either a 38-430 or 53B threaded PETG bottle fitted with an HDPE open cap, a OneFlex TPE bottle insert and tubing, push plugs, and a 0.2 µm vent filter.

These bottle assemblies can also be *fully customized* to your application needs. Assemblies can be configured with desired bottles, along with tubing length, diameter, and material to ensure optimal fit and performance. A wide range of connectors, adapters, and vent filter options—including luer locks, hose barbs, and sterile venting configurations—allows each assembly to be tailored for seamless integration into your process.

STANDARD PART NUMBER	BOTTLE SIZE	CAP SIZE	PORTS	TUBING SIZE	MATERIAL	BOTTLE INSERT MATERIAL*
83686	125mL	38-430	2	1/8 x 1/4 (2)	PETG	OneFlex TPE
83687	250mL	38-430	2	1/8 x 1/4 (2)	PETG	OneFlex TPE
83688	500mL	38-430	2	1/8 x 1/4 (2)	PETG	OneFlex TPE
83689	1000mL	38-430	2	1/8 x 1/4 (2)	PETG	OneFlex TPE
83690	2000mL	53B	3	1/4 x 7/16 (2) and 1/8 x 1/4 (1)	PETG	OneFlex TPE

\*OneSIL silicone inserts available upon request

### Biocompatibility / Regulatory / Extractables\*

TEST STANDARD	TEST ITEM	TEST RESULT
ISO 10993-4	Hemolysis	Pass
ISO 10993-5	Cytotoxicity	Pass
ISO 10993-11	Acute Systemic Toxicity Tests	Pass
USP<85>	Bacterial Endotoxin Tests	Pass
USP<87>	Biological Reactivity Tests, in vitro	Pass
USP<88>	Biological Reactivity Tests, Class VI	Pass
USP<665>	Extractables	Available Upon Request
USP<788>	Particulate Testing	Pass

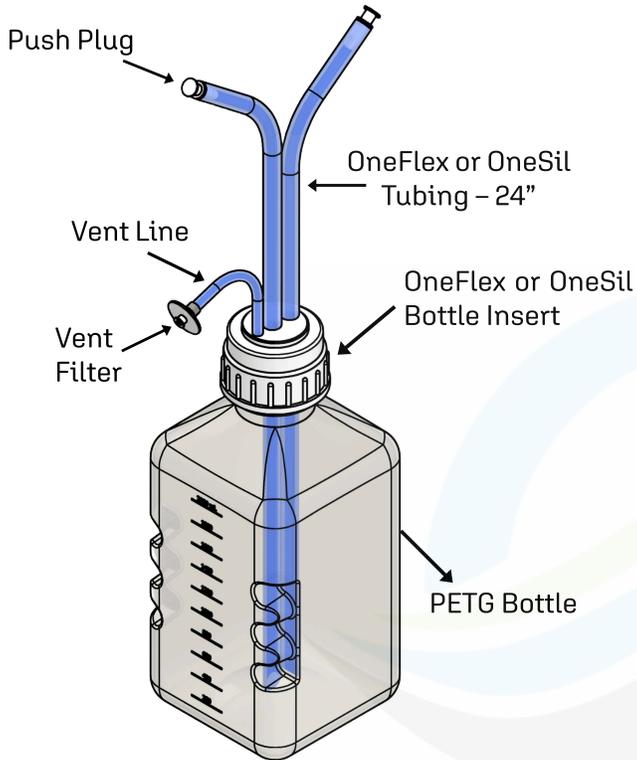
\*Will vary based on component selection

### Sterilization Method

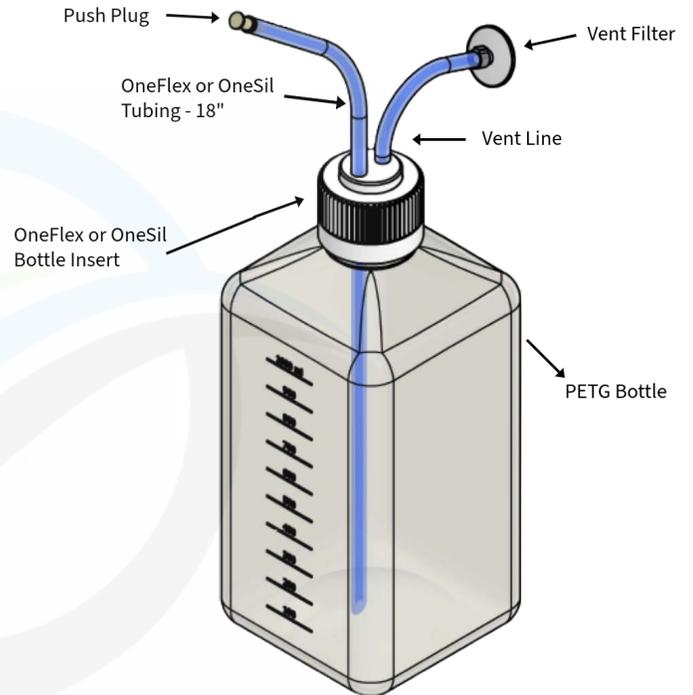
TEST STANDARD	TEST RESULT
High-Pressure Steam Sterilization	121°C/30min
Gamma Irradiation Sterilization	Up to 50kGy

# Sample Bottle Design

## 53B bottle



## 38-430 bottle



*Purity One™ manufactures single-use and custom hose solutions that are critical to improving quality of life and overall wellness for people all around the world. With our combined technical expertise and cleanroom assembly capabilities, we focus on providing a level of service and quality-assurance that is unparalleled in the global life sciences, biopharmaceutical, and pharmaceuticals industries.*

195 Industrial Drive  
Northampton MA 01060

(413)320-4650

sales@purityone.com

purityone.com



IMPORTANT: Users are accountable for verifying that Purity One™ products are appropriate and safe for their intended purposes, and that the materials used conform to all relevant medical regulatory standards. Purity One™ disclaims any liability for product failures resulting from the improper use of materials supplied, whether in the design, construction, or application of the products in which these materials are utilized.