

Gamma Irradiated Bottle Assembly Systems

Single-use technologies are playing a key role in the reduction in risk of cross contamination in addition to time and cost benefits associated with assembly, cleaning and cleaning validation. Bio-Simplex[®] Gamma Irradiated Bottle Assembly Systems are available in a range of commonly used sizes from 60mL to 2 Liter.

Each Bottle Assembly includes a 2 port EZ Top[®] Closure, made from C-Flex[®] pharmaceutical grade thermoplastic elastomer (TPE) resin and tubing, engineered to ensure an unobstructed fluid path and a secure elastomeric seal between bottle and cap surfaces. Each Bottle System is equipped with a PETG bottle (2 Liter is poly-carbonate), a 0.2 µm vent filter, an 18" length of 1/8" ID x 1/4" OD C-Flex tubing with a plug end, notched dip tube to the bottom of the bottle and a polyethylene cap (polypropylene on 2 Liter). Economically designed for the single-use market, sample bottle assemblies are easily used with sterile connecting devices and thermal tubing sealers.

Bio-Simplex Gamma Irradiated Bottle Assembly Systems are sold as single items, each double bagged and gamma irradiated for a Sterility Assurance Level (SAL) of 10⁻⁶.

Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.



Bio-Simplex Gamma Irradiated Bottle Assembly Systems, in sizes from 60mL to 2 Liters, feature the EZ Top Closure, filter, C-Flex tubing, bottle and cap.



Closeup of a 125mL gamma irradiated bottle showing the EZ Top Closure.

BIO-SIMPLEX GAMMA IRRADIATED BOTTLE ASSEMBLY SYSTEMS

60mL	SA24MM-60-2F
125mL	SA38MM-125-2F-DB
250mL	SA38MM-250-2F-DB
500mL	SA38MM-500-2F-DB
1000 mL (1L)	SA38MM-1L-2F-DB
2000 mL (2L)	SA38MM-2LPC-2F

Gamma Irradiated Bottle Assembly Systems

- Gamma Irradiated Bottle Assembly Systems include 18" of C-Flex[®] pharmaceutical grade thermoplastic elastomer (TPE) tubing with a plugged end.
- 1/8"ID x 1/4"OD C-Flex tubing material is compatible with sterile connecting devices and tube welders.
- Standard polyethylene cap for 60mL-1L sizes; polypropylene cap for 2L size.
- PETG bottles in 60mL-1L sizes; Polycarbonate in 2L size.
- 0.2 µm 25mm vent filter allows sterile gas exchange.
- Thermal bond between stopper and tubing prevents compromise of product.
- EZ Top[®] closure of high purity C-Flex pharmaceutical grade TPE provides integral seal to glass, plastic and metal.
- Provided gamma irradiated Sterility Assurance Level (SAL) of 10⁻⁶ and double bagged.
- Bio-Simplex[®] Gamma Irradiated Bottle Assembly Systems are available in standard 60, 125, 250 or 500 mL and 1 or 2 Liter sizes.
- Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.

Bio-Simplex[®], C-Flex[®] and EZ Top[®] are registered trademarks of Saint-Gobain Corporation.

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Critical Fluid Transfer and Containment

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WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.