



# Bio-Simplex® Flask Systems for Biopharmaceutical Applications

The number one choice of the biopharmaceutical industry in single-use Flask assemblies, Bio-Simplex® Erlenmeyer Flask Assemblies are available in Closure Assembly (no flask) and Closure Assembly with polycarbonate flask assembly system packaging configurations. Our Bio-Simplex Closure Systems features the EZ Top® assembly, made from USP Class VI compliant C-Flex® thermoplastic elastomer (TPE) resin and tubing, and is engineered to ensure an unobstructed fluid path, extremely low levels of extractables and a secure elastomeric seal against plastic, glass and metal surfaces. The Closure Assembly includes C-Flex tubing with a choice of either male Luer connections or CPC® quick disconnect fittings, a Bio-Simplex FlexJoint®, 0.2 µm vent filter and polypropylene cap. Economically designed for the single use market, both the Bio-Simplex Assembly and System eliminate cleaning and risk of contamination from repeated use. They are easily used with sterile connecting devices and thermal tubing sealers. We offer standard 2 port configurations in 1, 2 and 3 Liter sizes, available as individually packaged Bio-Simplex Closure Assemblies or a complete packaged Bio-Simplex Erlenmeyer Flask System (Bio-Simplex Assembly, Erlenmeyer Flask and cap). Both come gamma irradiated.

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

## Features and Benefits

- Designed for single use
- Secure seal against plastic, glass and metal
- Unobstructed fluid path
- Extremely low levels of extractables
- Easily used with sterile connecting devices and thermal tubing sealers
- Standard two- and three-port configurations
- Compatible with 1-, 2- and 3-liter flasks
- System gamma irradiated prior to delivery

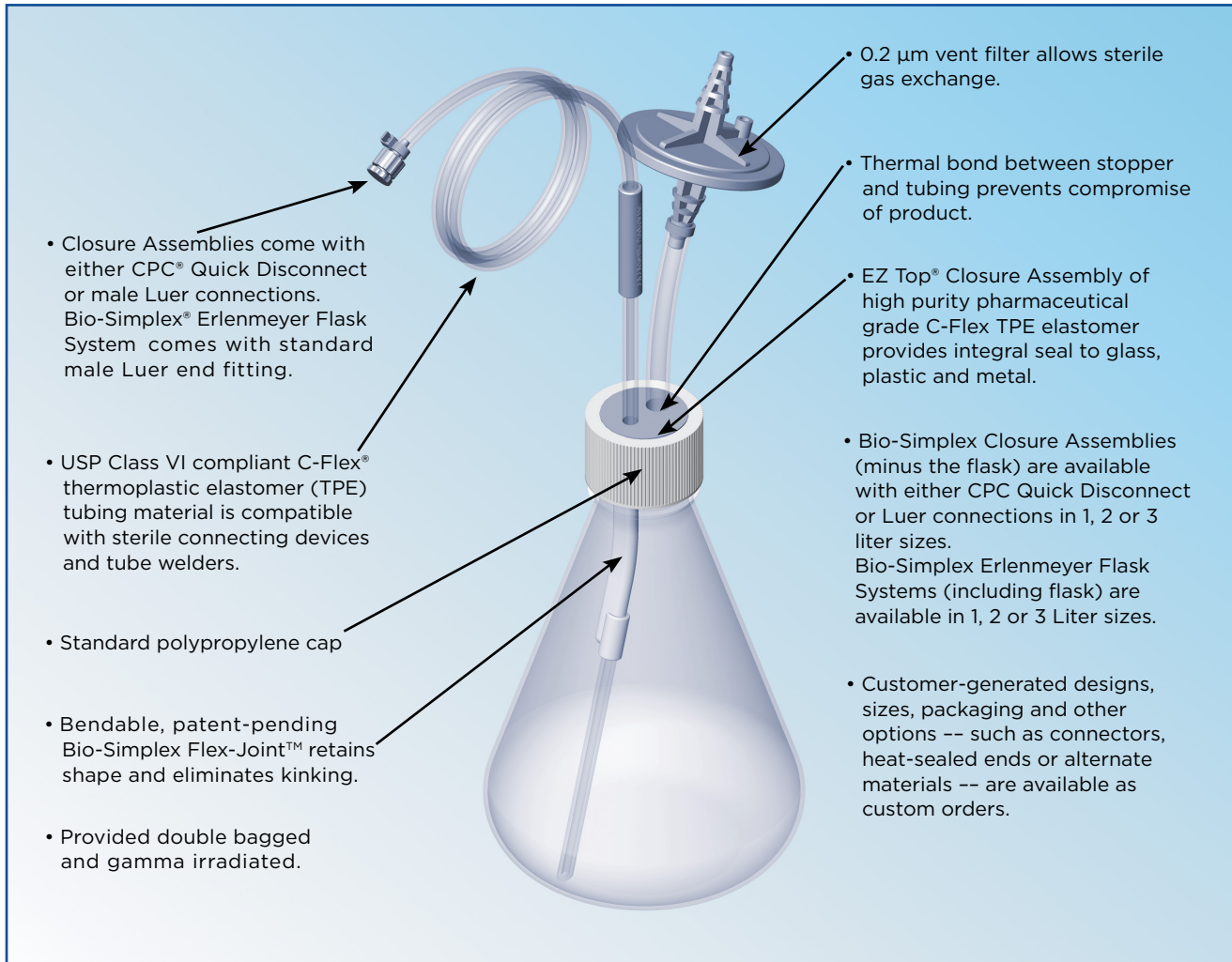
## Typical Applications

- Biopharmaceutical
- Cell culture incubation
- Seed flask inoculation
- Bioreactor fed-batch / additions

## Bio-Simplex® Flask and Closure Assembly Selection Guide

FLASK SIZE	Bio-Simplex Flask Closure Assembly (no flask)		Bio-Simplex Flask Closure Assembly (with flask)
	w/Luer Connection	w/CPC Quick disconnection	w/Luer Connection
1 Liter	EMF1L-LC-EZ-R	EMF1L-QD-EZ-R	EMF1L-LC-R
2 Liter	EMF2L-LC-EZ-R	EMF2L-QD-EZ-R	EMF2L-LC-R
3 Liter	1EMF3L-LC-EZ-R	EMF3L-QD-EZ-R	EMF3L-LC-R

For more detailed specs on Bio-Simplex Erlenmeyer Flask Systems, please see our product spec sheets.



Bio-Simplex®, C-Flex®, EZ Top® and FlexJoint® are registered trademarks of Saint-Gobain Performance Plastics Corporation. FlexJoint™ is a registered trademark of Saint-Gobain Performance Plastics Corporation.

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