



## Bio-Simplex® Spinner Flask Accessories for Biopharmaceutical Applications

Single-use technologies are playing a key role in the reduction in risk of cross contamination. Additionally, single-use technology offers time and cost benefits associated with assembly, cleaning, and cleaning validation. Bio-Simplex® Spinner Flask accessories were designed to mate with glass spinner flasks (not included).

Molded one piece construction creates a seamless fluid path and unobstructed inner bore, eliminates contamination and product loss due to loose connections.

The assembly includes:

- An EZ Top® stopper, made from C-Flex® pharmaceutical grade animal derived component free (ADCF) thermoplastic elastomer (TPE) resin and tubing to insure an unobstructed fluid path, and provide an elastomeric seal against glass, plastic and metal surfaces.
- A Bio-Simplex FlexJoint™ accommodates angle deviation in hand blown spinner flasks and eliminates tube kinking and shape loss after autoclaving and
- A polypropylene cap. Bio-Simplex Spinner Flask Accessories are easily used with sterile connecting devices and thermal tubing sealers.

We offer standard 2 and 3 port configurations in 1, 3, 8, 15 and 36 Liter sizes, sold as single items. All are autoclavable. Customer-generated designs, sizes, packaging and other options such as connectors, heat-sealed ends or alternate materials are available as custom orders.

| Accessories Mate with Spinner Flask Size" | 2 PORT     | 3 PORT     |
|---|------------|------------|
| 1 Liter                                   | SFA01L-2EZ | SFA01L-3EZ |
| 3 Liter                                   | SFA03L-2EZ | SFA03L-3EZ |
| 8 Liter                                   | SFA08L-2EZ | SFA08L-3EZ |
| 15 Liter                                  | SFA15L-2EZ | SFA15L-3EZ |
| 36 Liter                                  | SFA36L-2EZ | SFA36L-3EZ |

### Features/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-, 3-, 8-, 15- and 36-liter flasks
- Autoclavable

### Typical Applications

- Spinner Flasks and Accessories suitable for bacteria and mammalian Cell Culture
- Seed flask
- Low shear mixing
- Aseptic fluid transfer
- Sterile weld connectivity

## Spinner Flask Accessories

- Bio-Simplex® Spinner Flask Accessories are available with either 2 or 3 port configurations for standard 1, 3, 8, 15 or 36 Liter spinner flasks.
- EZ Top® Closure Assembly of high purity C-Flex® USP Class IV ADCF thermoplastic elastomer (TPE) provides integral seal to glass, plastic and metal.
- Thermal bond between stopper and tubing prevents compromise of product.
- Standard polypropylene cap GL45a. (Glassware spinner flask only)
- Bendable, patent-pending Bio-Simplex FlexJoint™ is designed to accommodate angle deviation in hand blown glassware and to retain shape and eliminate kinking.
- C-Flex USP Class IV ADCF TPE tubing material is compatible with sterile connecting devices and tube welders.
- Customer-generated designs, sizes, packaging and other options — such as connectors, heat-sealed ends or alternate materials — are available as custom orders.
- Autoclavable

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

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