

# BIO-SIMPLEX® PETG CARBOYS



Saint-Gobain Performance Plastics introduces Bio-Simplex® Copolyester Carboys for advanced liquid handling and solution storage for general laboratory, process development and bioproduction applications. Saint-Gobain offers four popular sizes of carboys: 2.5 L, 5 L, 10 L, and 20 L, manufactured from high quality PETG. The copolyester carboy is suitable for temperatures from -40°C to 80°C, is BPA free, gamma stable and is component certified to meet 21 CFR 177 for indirect food contact and USP Class VI Plastics.

The carboy's body includes design features that allow the user to easily hold, lift, fill, and pour while the versatile EZ Top® Container Closure technology provides interchangeable and leak-proof top connections. The carboys also feature easy-to-read certified graduation marks with  $\pm 5\%$  accuracy, large molded marks for clearly identifiable volume and material.

## Features and Benefits:

- ◆ Slender ergonomic body design requiring less space in the laboratory
- ◆ Large top handles for full hand grip
- ◆ Bottom handles for secure grip when holding and transporting
- ◆ Minimum dead volume for maximum solution recovery
- ◆ Wide mouth for easy filling and cleaning
- ◆ Volume and material identification marks
- ◆ Large, easy to read graduation marks with  $\pm 5\%$  accuracy
- ◆ Open/closed version of cap with replaceable gasket

## BIO-SIMPLEX PETG CARBOYS

Catalog No.	Description	Capacity L	Spigot	Cap Size mm	Qty/Pack
DCCo28o	Bio-Simplex Carboy with Closed Cap	2.5	No	83	1
DCCo58o	Bio-Simplex Carboy with Closed Cap	5	No	83	1
DCC1o8o	Bio-Simplex Carboy with Closed Cap	10	No	83	1
DCC2o12o	Bio-Simplex Carboy with Closed Cap	20	No	120	1

## BIO-SIMPLEX CARBOY ACCESSORIES

Catalog No.	Description	Cap Size, mm	Qty/Pack
DEZo8oCT	80 mm, Closed Top Cap, White	80	2
DEZo8oOT	80 mm, Open Top Cap, White with Plug	80	2
DEZ12oCT	120 mm, Closed Top Cap, White	120	2
DEZ12oOT	120 mm, Open Top Cap, White with Plug	120	2
DEZ12oAC	120 mm to 80 mm Adapter Cone, White		1

EZ Top Container Closure Assemblies for Bio-Simplex carboys, which provide an aseptic seal for fluid transfer, are available in C-Flex thermoplastic elastomer or Sani-Tech® silicone. See page 2 for further details.



# EZ TOP® CONTAINER CLOSURE ASSEMBLIES

The EZ Top Container Closure is used to create a complete container assembly when combined with cap and container. This economical assembly, designed for single use, can successfully replace stainless steel closures and eliminate costs such as cleaning, validation and assembly, and the contamination from repeated use.

## EZ TOP CONTAINER CLOSURES USING C-FLEX® TPE OR SANI-TECH® SILICONE MATERIALS

EZ Top Container Closures can be manufactured from C-Flex pharmaceutical grade resin and tubing or fully characterized Class VI high-purity, platinum-cured Sani-Tech silicone. Both ensure an unobstructed fluid path, extremely low level of extractables, and provide an elastomeric aseptic seal against glass, plastic, and metal surfaces. The one-piece construction eliminates product loss and contamination due to loose connection. The smooth inner bore eliminates risk of product entrapment and buildup.

EZ Top Container Closures allow easy retrofit of your existing glass or plastic carboys for aseptic fluid transfer, sampling or sealing. C-Flex Closures contain tubing with standard plug and fitting, a Bio-Simplex Flex Joint®, 0.2 µm vent filter, and cap. Closure inserts of Sani-Tech silicone are available with or without silicone tubing or sanitary dip tubes. Standard two or three port configurations are available to fit all sizes of Bio-Simplex carboys.

## STANDARD 2 & 3 PORT EZ TOP CONTAINER CLOSURES USING C-FLEX TPE OR SANI-TECH SILICONE MATERIALS

Part Number	EZ Top Material	Container Size	Tubing Size	Number of Ports
DCB02L-2EZ-CF	C-Flex	2.5 L	3/8 X 5/8	2
DCB05L-2EZ-CF	C-Flex	5 L	3/8 X 5/8	2
DCB10L-2EZ-CF	C-Flex	10 L	3/8 X 5/8	2
DCB20L-2EZ-CF	C-Flex	20 L*	3/8 X 5/8	2
DCB40L-2EZ-CF	C-Flex	40 L*	3/8 X 5/8	2
DCB75L-2EZ-CF	C-Flex	75 L*	3/8 X 5/8	2
DCB02L-2EZ-ST	Sani-Tech Silicone	2.5 L	3/8 X 5/8	2
DCB05L-2EZ-ST	Sani-Tech Silicone	5 L	3/8 X 5/8	2
DCB10L-2EZ-ST	Sani-Tech Silicone	10 L	3/8 X 5/8	2
DCB20L-2EZ-ST	Sani-Tech Silicone	20 L*	3/8 X 5/8	2
DCB40L-2EZ-ST	Sani-Tech Silicone	40 L*	3/8 X 5/8	2
DCB75L-2EZ-ST	Sani-Tech Silicone	75 L*	3/8 X 5/8	2
DCB02L-3EZ-CF	C-Flex	2.5 L	3/8 X 5/8	3
DCB05L-3EZ-CF	C-Flex	5 L	3/8 X 5/8	3
DCB10L-3EZ-CF	C-Flex	10 L	3/8 X 5/8	3
DCB20L-3EZ-CF	C-Flex	20 L*	3/8 X 5/8	3
DCB40L-3EZ-CF	C-Flex	40 L*	3/8 X 5/8	3
DCB75L-3EZ-CF	C-Flex	75 L*	3/8 X 5/8	3
DCB02L-3EZ-ST	Sani-Tech Silicone	2.5 L	3/8 X 5/8	3
DCB05L-3EZ-ST	Sani-Tech Silicone	5 L	3/8 X 5/8	3
DCB10L-3EZ-ST	Sani-Tech Silicone	10 L	3/8 X 5/8	3
DCB20L-3EZ-ST	Sani-Tech Silicone	20 L*	3/8 X 5/8	3
DCB40L-3EZ-ST	Sani-Tech Silicone	40 L*	3/8 X 5/8	3

\* 20 L and 40 L EZ Top Container Closures include Adapter Cone. C-Flex Assemblies include Bio-Simplex FlexJoint®, Sani-Tech Assemblies include overmolded sinker. All EZ Top Container Closures also come with a cap plug.



Bio-Simplex®, C-Flex®, EZ Top®, FlexJoint® and Sani-Tech® are registered trademarks of Saint-Gobain Performance Plastics Corporation.

### Saint-Gobain Performance Plastics

3910 Terry-Diane Street  
Beaverton, MI 48612  
Tel: (989) 435-9533  
Toll-Free: (888) 387-0067  
Fax: (989) 435-2355



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**Critical Fluid Management**



**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

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