Foxx Life Sciences

- **EZ**grip™ Carboy
- **Versa**Cap™
- **Versa**Barb™
- Spigot Technology

Advanced fluid handling systems developed with the end-user in mind.

THE NEXT GENERATION CARBOY

EZgrip™ Carboy

Foxx Life Sciences' **EZ**grip™ carboy is an advanced fluid handling system developed with the end-user in mind. The ergonomically designed carboy body is coupled with our **Versa**Cap™ technology to provide the user an easy-to-use and easy-to-clean carboy.

The carboy's body includes design features that allow the user to easily hold and manipulate during lifting, filling and pouring. The carboy features include easy to read identification marks, molded grips at the bottom and a set of pinched handles at the top which prevents the possibility of fluid-trapping voids.

Foxx Life Sciences' **Versa**Cap™ provides the ultimate in connection flexibility. The leakproof cap adapters enable users to quickly change the top connectors of each carboy to match application needs. **Versa**Cap™ adapters are available in a variety of configurations (see **Versa**Cap™ data sheet).

Foxx Life Sciences offers the **EZ**fil™ wide-mouth version of the **EZ**grip™ carboy for easier filling and cleaning. This is available for both the 20L and 40L carboys.

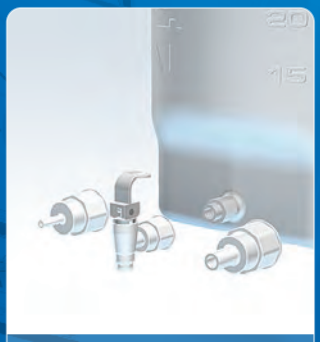
FEATURES

VersaCap™ technology provides the flexibility of interchangeable connectors

Carboy body features advanced ergonomic design

● = Handles

EZfil™ wide-mouth version for easy filling and cleaning



VersaBarb™ technology provides interchangeable spigot options

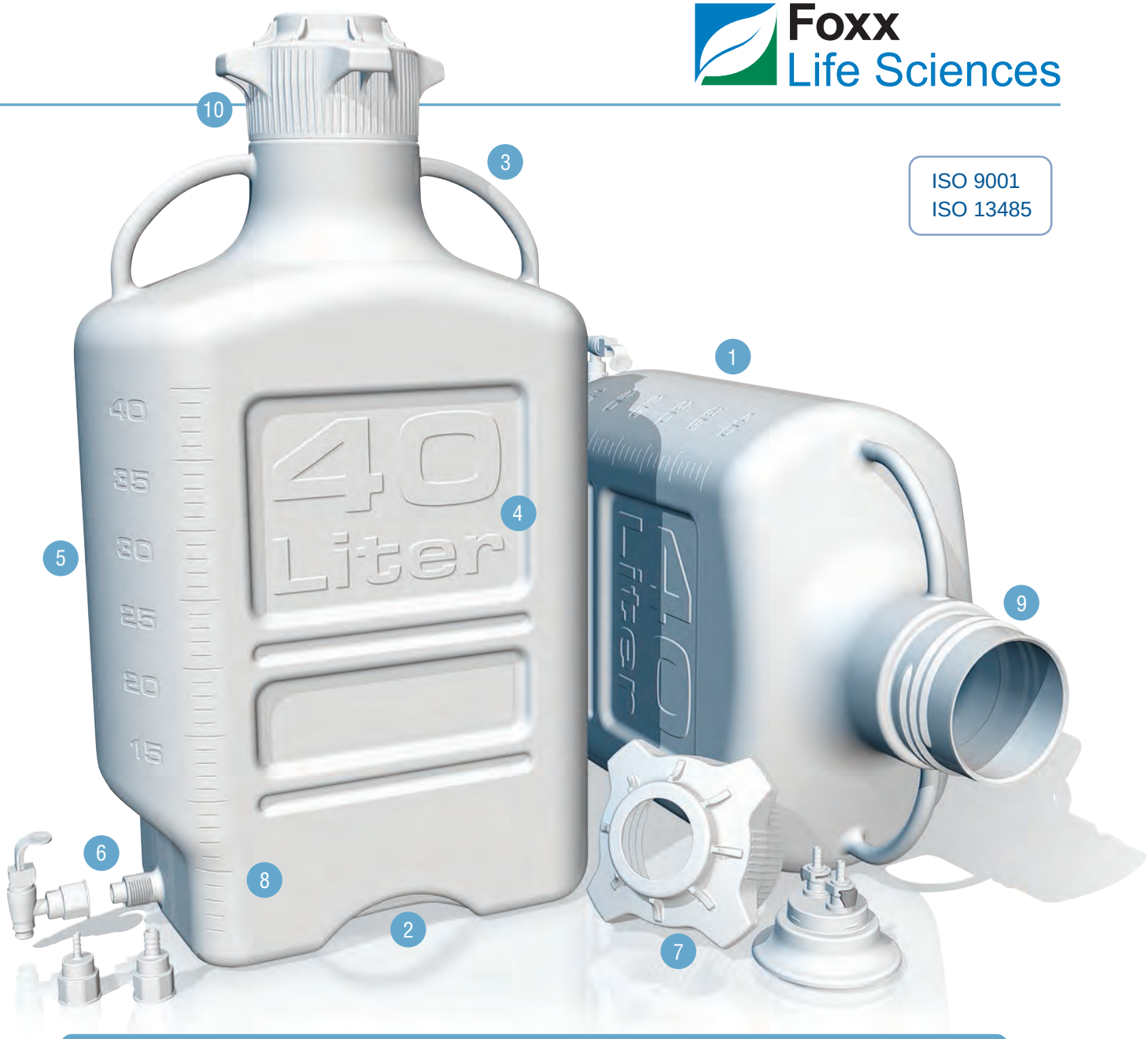
MATERIALS

- HDPE
- POLYPROPYLENE

FDA and USP Class VI materials.

Foxx Life Sciences

ISO 9001
ISO 13485



1. Novel shape maximizes bench and shelf space
2. Bottom handles provide a secure grip while lifting and transporting
3. Large top handles for a full hand grip
4. Molded carboy size identification
5. Large, clear graduation marks with ±5% accuracy
6. No leak, autoclavable spigot and no leak, autoclavable **Versa**Barb™
7. **Versa**Cap™ technology with adapters and replaceable gasket*
8. Carboy body design allows for maximum solution recovery
9. **EZ**fil™ wide-mouth version for easy filling and easy cleaning
10. All carboys ship with closed caps (excludes sanitary carboys)

*Adapters require the purchase of an open cap.

EZgrip™ Carboy

Advanced fluid handling systems developed with the end-user in mind.

HDPE Carboys

	Product Number	Graduated Capacity	Capacity (max.)	Cap Size	Qty/Pack
A	152-0111-OEM	2.5L	3.2L	83B	1
B	152-1111-OEM	5L	7L	83B	1
C	152-2111-OEM	10L	13L	83B	1
D	152-3111-OEM	20L	27L	83B	1
E	152-3121-OEM	20L	27L	120mm	1
F	152-5121-OEM	40L	52L	120mm	1
G	152-7121-OEM	75L	79.5L	120mm	1

BPA-Free FDA USP Class VI

HDPE Carboys with spigots

	Product Number	Graduated Capacity	Capacity (max.)	Cap Size	Qty/Pack
A	152-1211-OEM	5L	7L	83B	1
B	152-2211-OEM	10L	13L	83B	1
C	152-3211-OEM	20L	26L	83B	1
D	152-3221-OEM	20L	26L	120mm	1
E	152-5221-OEM	40L	51L	120mm	1

Polypropylene Carboys

	Product Number	Graduated Capacity	Capacity (max.)	Cap Size	Qty/Pack
A	155-0111-OEM	2.5L	3.2L	83B	1
B	155-1111-OEM	5L	7L	83B	1
C	155-2111-OEM	10L	13L	83B	1
D	155-3111-OEM	20L	27L	83B	1
E	155-3121-OEM	20L	27L	120mm	1
F	155-5121-OEM	40L	52L	120mm	1
G	155-7121-OEM	75L	79.5L	120mm	1

BPA-Free FDA USP Class VI

Polypropylene Carboys with spigots

	Product Number	Graduated Capacity	Capacity (max.)	Cap Size	Qty/Pack
A	155-1211-OEM	5L	7L	83B	1
B	155-2211-OEM	10L	13L	83B	1
C	155-3211-OEM	20L	26L	83B	1
D	155-3221-OEM	20L	26L	120mm	1
E	155-5221-OEM	40L	51L	120mm	1

Foxx Life Sciences

A B C

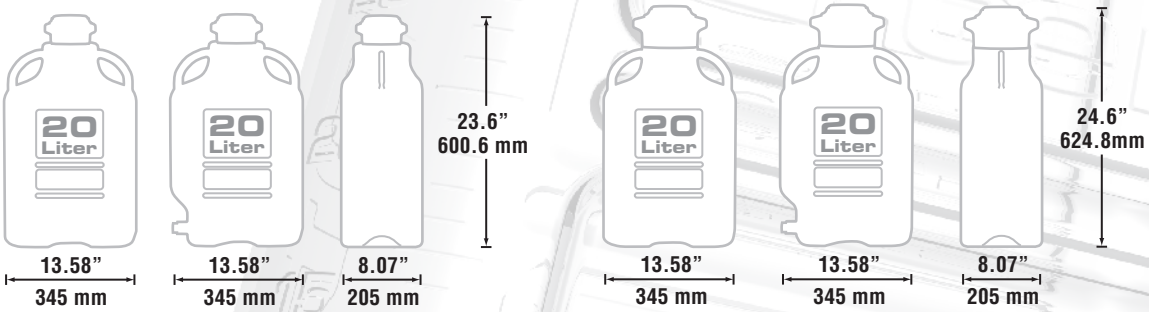
Polypropylene Carboys sanitary spout

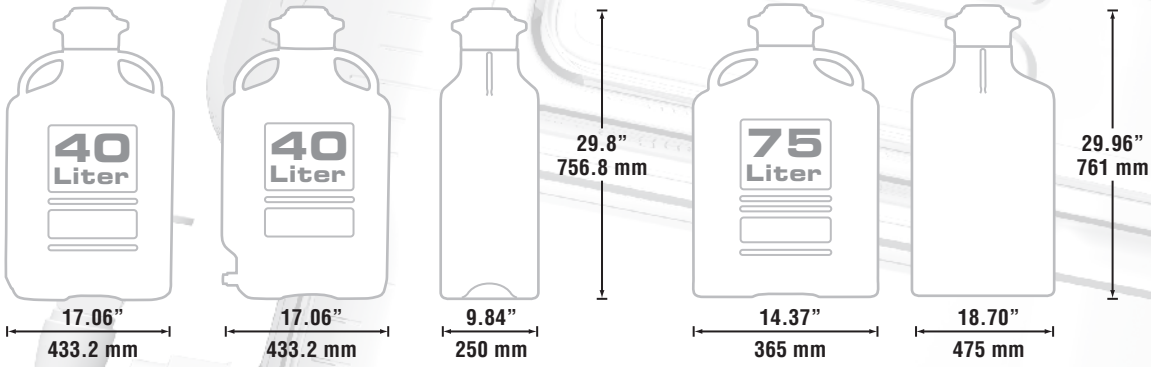
	Product Number	Graduated Capacity	Capacity (max.)	Cap Size	Qty/Pack
A	155-2131-OEM	10L	13L	-	1
B	155-3131-OEM	20L	27L	-	1
C	155-5131-OEM	40L	52L	-	1

BPA-Free

Please note:

- All carboys ship with closed caps (excludes sanitary carboys).
- Adapters require the purchase of an open cap.





VersaCap™, **Versa**Barb™ and Spigot Technology

Foxx Life Sciences has expanded the features of our **EZ**grip™ Carboy series with the new **Versa**Cap™, **Versa**Barb™ and Spigot Technology.

VersaCap™

- Leakproof cap adapter works with open cap (sold separately) to enable users to quickly change top-connector to match application needs.
- Large finger grips for easy tightening and opening of the cap.
- Available in industry standard 83B and wide-mouth 120mm (120mm fits exclusively with Roush Life Sciences' **EZ**fil™ wide-mouth 20L and 40L Carboys).
- Quick-connect options available with 2, 3 and 4 ports, all with industry-standard ¼" (6.350mm) and ⅜" (9.525mm) hose barbs (¼" (6.350mm) and ½" (12.700mm) molded hose barbs available).
- Made from autoclavable polypropylene.

VersaBarb™

- Supports flexibility in drainage, connection to a pump, automated equipment or filling bell.
- Available in ¼" (6.350mm), ⅜" (9.525mm), ½" (12.700mm) and ¾" (19.050mm) hose barb sizes. A sanitary ¾" (19.050mm) fitting is also available.
- Enables Carboy to function as a supply reservoir to a larger system.
- Made from autoclavable polypropylene.

Spigot Technology

- Large, comfortable lever controls two flow rates, including continuous flow.
- Designed to fit a hose connection.
- Standard internal Luer taper fits a male barb adapter.
- Positive hard stop prevents over-tightening, which can damage the seal.
- Made from autoclavable polypropylene.

ISO 9001
ISO 13485

- **Versa**Cap™ technology provides the flexibility of interchangeable top-connectors
- **Versa**Cap™ is offered in industry standard size and also wide-mouth size to fit exclusively on our **EZ**fil™ wide-mouth carboy
- Quick release latches for easy port change
- Leakproof cap with replaceable gasket
- **Versa**Cap™ is stackable
- Available in a variety of configurations
- **Versa**Cap™, **Versa**Barb™ and Spigot are autoclavable
- **Versa**Barb™ offers a convenient solution for bottom-connections and are available in ¼", ⅜", ½" and ¾" hose barb sizes
- Spigot controls two flow rates

1. Quick-connect for easy top connections
2. Many adapter options provide versatile top connections
3. Replaceable gasket
4. **Versa**Barb™ allows for flexible bottom connections
5. Spigot Technology with two flow rates
6. **Versa**Cap™ technology with large handle grips for easy tightening and loosening

VersaCap™ and Spigot Technology

The ultimate in top-connection flexibility

VersaCap™ 83B

205-1003-RLS
Cap, Closed

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	n/a	n/a	2

205-1004-RLS
Cap, Open with closed adapter

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	n/a	n/a	2

205-1007-RLS
Cap, Open top with adapter, ¼" HB x 2 and Vent

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	¼"	n/a	1

205-1008-RLS
Cap, Open top with adapter, ½" HB x 2 and Vent

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	½"	n/a	1

205-3001-RLS
Adapter, Closed

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	n/a	n/a	1

205-3002-RLS
Adapter, ¼" HB x 2

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	¼"	2	1

205-3003-RLS
Adapter, 3/8" HB x 2

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	3/8"	2	1

205-3004-RLS
Adapter, ¼" HB x 3

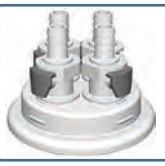
Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	¼"	3	1

205-3005-RLS
Adapter, 3/8" HB x 3

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	3/8"	3	1

205-3006-RLS
Adapter, ¼" HB x 4

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	¼"	4	1



205-3007-RLS
Adapter, 3/8" HB x 4

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	3/8"	4	1

205-5001-RLS
Adapter, ¼" HB x 2 and Vent

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	¼"	n/a	1

205-5002-RLS
Adapter, ½" HB x 2 and Vent

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
83B	½"	n/a	1

HB = Hose Barb

VersaCap™ 120mm

205-2003-RLS
Cap, Closed

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	n/a	n/a	2

205-2004-RLS
Cap, Open with closed adapter

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	n/a	n/a	2

205-4001-RLS
Adapter, Closed

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	n/a	n/a	1

205-4002-RLS
Adapter, ¼" HB x 2

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	¼"	2	1

205-4003-RLS
Adapter, 3/8" HB x 2

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	3/8"	2	1

225-1001-RLS
Spigot, 2 pack

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
n/a	n/a	n/a	2

205-4004-RLS
Adapter, ¼" HB x 3

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	¼"	3	1

205-4005-RLS
Adapter, 3/8" HB x 3

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	3/8"	3	1

205-4006-RLS
Adapter, ¼" HB x 4

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	¼"	4	1

205-4007-RLS
Adapter, 3/8" HB x 4

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	3/8"	4	1

205-4008-RLS
Adapter, EZ-Top adapter

Cap Size	Hose Barb Size	No. of Quick Connects	Qty/pk
120mm	n/a	n/a	1

HB = Hose Barb

Please note:

- All quick-connect adapters come with valved, panel-mount sockets.
- All carboys ship with closed caps (excludes sanitary carboys).
- Adapters require the purchase of an open cap.

Carboy Cleaning Instructions

Foxx Life Sciences' carboys are specifically designed to make cleaning and sanitization easy. The wider mouth, along with the materials of construction, enables quick and thorough washing and rinsing. Before washing and sanitizing, it is important to consider a few key points.

Water

Quality

We suggest the use of laboratory quality, de-ionized water. Tap water, no matter the quality, can often contain unacceptable levels of particulate matter, contaminating organic and inorganic compounds, and high levels of microorganisms.

Water

Temperature

We suggest that lower washing temperature (approximately 50° C) be used combined with an effective cleaning agent (such as Alconox) diluted as per the manufacturer's recommendation.

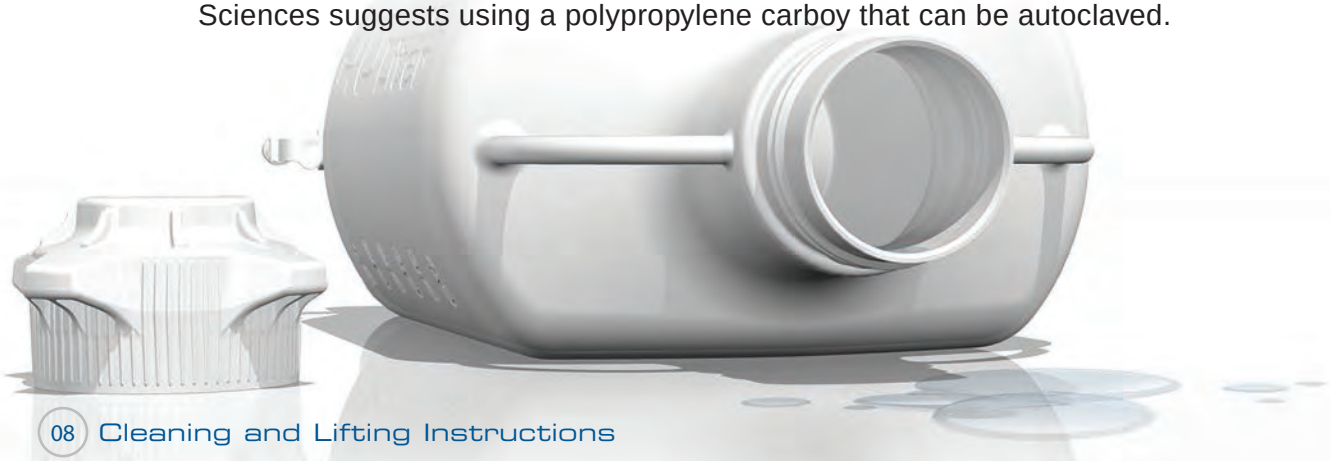
Washing: Never use abrasive cleaning agents. Follow the cleaning agent's instructions for effective detergent concentration and maximum contact times.

1. Fill carboy no more than one-quarter full with an appropriate cleaning agent.
2. Shake carboy to wet all surfaces.
3. Use a soft brush to remove debris from the sides of the carboy.
4. Drain and rinse carboy.

Rinsing: Effective rinsing of the carboy is as important as washing.

1. Use de-ionized water.
2. Attach a small length of hose to your water source. The hose should be long enough to reach the bottom of the carboy.
3. While holding the carboy over a sink, turn the carboy upside down with the hose inside the carboy.
4. Turn the water on and rinse all surfaces until no sign of detergent remains.

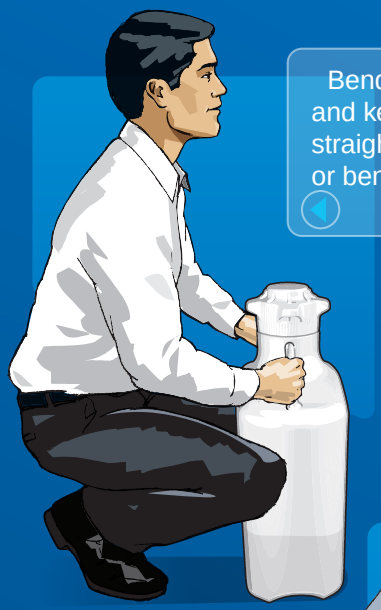
Sanitization: For critical applications requiring a sanitized carboy, Foxx Life Sciences suggests using a polypropylene carboy that can be autoclaved.



Carboy Lifting Instructions

Lifting Instructions

Foxx Life Sciences has designed its carboys for safe lifting. Each carboy has full handle grips at the top and hand holds at the bottom. Please follow these recommendations for safe lifting.



Bend your knees and keep your back straight. Never twist or bend your back.

Have help. Always have two people for lifting full 20 liter and 40 liter carboys. Bottom and top handles make this lifting option possible.

Lifting to pour from void volume below spigot is made easy with the bottom handle in the back of carboy.

Lift close to your body. Have a firm grip and keep balanced. Use bottom handles for a more stable grip.

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Chemical compatibility information is intended as a guide. We recommend that you test bottles for your specific application before use.