

## VWR® CARBOYS

Feature Versatile  
Cap Technology

Autoclavable

Shape maximizes bench  
and shelf space



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## VWR® CARBOY WITH VERSATILE CAP TECHNOLOGY

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VWR's Carboy is an advanced fluid handling system developed with the end-user in mind. The ergonomically designed carboy body is coupled with our VWR versatile 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. Features include grips at the bottom, easy-to-read identification marks, and a set of pinched handles at the top that prevent the possibility of fluid trapping voids.

The VWR carboy offers a wide-mouth version for easier filling and cleaning. This is available for both the 20L and 40L carboys.

The VWR versatile cap technology provides the ultimate in connection flexibility. The leak-proof cap adapters enable users to quickly change the top connectors of each carboy to match application needs. Versatile cap adapters are available in a variety of configurations (see versatile cap data page).





- 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  $\pm 5\%$  accuracy
- 6 No leak, autoclavable spigot and no leak, autoclavable versatile bars
- 7 Cap technology with adapters and replaceable gasket\*
- 8 Carboy body design allows for maximum solution recovery
- 9 Wide-mouth version for easy filling and easy cleaning
- 10 All carboys ship with closed caps (excludes sanitary carboys)

## VWR® VERSATILE CAP, VERSATILE BARB, AND SPIGOT TECHNOLOGY

VWR has expanded the features of our carboy series with the new versatile cap, versatile barb, and spigot technology.

### Versatile Cap

- 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 80mm and wide-mouth 120mm (120mm fits exclusively with VWR's wide-mouth 20L and 40L carboys).
- Quick-connect options available with 2, 3, and 4 ports, all with industry-standard 6.4mm (1/4") and 9.5mm (3/8") hose barbs [6.4mm (1/4") and 12.76mm (1/2") molded hose barbs are available]
- Made from autoclavable polypropylene

### Versatile Barb

- Supports flexibility in drainage or connection to a pump, automated equipment, or filling bell
- Available in 6.4mm (1/4"), 9.5mm (3/8"), 12.7mm (1/2"), and 19.1mm (3/4") hose barb sizes. A sanitary 19.1mm (3/4") 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

### VWR® HDPE Carboys with Versatile Caps

VWR® HDPE Carboys are designed to provide users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Large handles on top of the container and molded handles in the base provide a full, secure grip to make lifting, carrying, and pouring easy. Specified models are available with a 120mm wide neck, which allows the user to reach inside the carboy for easier cleaning. Leakproof polypropylene versatile caps offer the ultimate in connection flexibility. Open caps (sold separately) are compatible with interchangeable adapters, which feature a wide variety of top-connections, including molded-in hose barbs and quick-connect hose barbs. All carboys have their material and volume clearly imprinted on the outside of the bottle, as well as large, easy to read metric graduation marks which are certified to ±5% accuracy.

VWR® HDPE Carboys are molded from a translucent USP Class VI, and FDA grade resin. They offer excellent chemical resistance, making them ideal for most buffers and reagents as well as powders and solids. Versatile caps, adapters, versatile barbs, and spigots are constructed of polypropylene. The recommended autoclaving cycle for versatile caps, adapters, spigots, and versatile barbs is 20 minutes at 15 PSI and 121°C (250°F)."



Capacity	Cap Size	Cat. No.	Unit
<b>HDPE Carboys</b>			
2.5 L (0.66 gal.)	80 mm	89199-164	Each
5 L (1.3 gal.)	80 mm	89170-762	Each
10 L (2.6 gal.)	80 mm	89170-766	Each
20 L (5.3 gal.)	80 mm	89170-770	Each
20 L (5.3 gal.)	120 mm	89170-772	Each
40 L (10.6 gal.)	120 mm	89170-778	Each
75 L (19.8 gal.)	120 mm	89217-552	Each
<b>HDPE Carboys with Spigot</b>			
5 L (1.3 gal.)	80 mm	89170-764	Each
10 L (2.6 gal.)	80 mm	89170-768	Each
20 L (5.3 gal.)	80 mm	89170-774	Each
20 L (5.3 gal.)	120 mm	89170-776	Each
40 L (10.6 gal.)	120 mm	89170-780	Each



## VWR® HDPE Amber Carboys with Versatile Caps

VWR® Amber Carboys are designed to protect photo-sensitive materials, while providing users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Larger handles on top of the container and molded grips in the base provide a full, secure grip to make lifting, handling, and pouring easy. The optional wide neck allows the user to reach inside the carboy for easier cleaning. Carboy material and volume are clearly imprinted on the outside of the bottle as well as large, easy to read, metric graduation marks which are certified to ±5% accuracy.

Amber Carboys are made from HDPE, offering excellent chemical resistance and compliance with FDA requirements for food use. Versatile caps are constructed of polypropylene and are autoclavable at 121° C (250° F) for fifteen minutes.

**Ordering Information:** Carboys are supplied with a closed cap; open caps are sold separately.

Capacity	Cap Size	Cat. No.	Unit
2.5 L (0.66 gal.)	80 mm	<b>89199-152</b>	Each
5 L (1.3 gal.)	80 mm	<b>89199-154</b>	Each
10 L (2.6 gal.)	80 mm	<b>89199-156</b>	Each
20 L (5.3 gal.)	120 mm	<b>89199-160</b>	Each
40 L (10.6 gal.)	120 mm	<b>89199-162</b>	Each



## VWR® Amber HDPE Carboys with Spigots

VWR Amber Carboys meet USP standards for light-transmission, making them ideal for storing photo-sensitive materials, while providing users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Large handles on top of the container and molded handles in the base provide a full, secure grip to make lifting, handling, and pouring easy. The optional 120 mm (4<sup>3</sup>/<sub>4</sub>"") wide neck allows users to reach inside the carboy for easier cleaning. Leakproof polypropylene Versatile Caps offer the ultimate in connection flexibility. Open caps (sold separately) are compatible with interchangeable adapters, which feature a wide variety of top-connections, including molded-in hose barb and quick-connect hose barbs. Carboy material and volume are clearly imprinted on the outside of the bottle as well as large, easy to read, metric graduation marks which are certified to ±5% accuracy.

VWR Amber Carboys are available in HDPE, offering excellent chemical resistance and compliance with FDA requirements for food use. VWR Amber Carboys are available with or without a spigot. Models with a spigot are compatible with Versatile Barbs, which create bottom tubulation options in a variety of hose barb sizes. Versatile Caps, adapters, Versatile Barbs, and spigots are constructed of polypropylene and are autoclavable at 15 PSI and 121°C (250°F) for 20 minutes.

**Ordering Information:** Carboys are supplied with a closed cap; open caps are sold separately.

Capacity	Cap Size	Cat. No.	Unit
5 L	80 mm	<b>89217-230</b>	Each
10 L	80 mm	<b>89217-232</b>	Each
20 L	120 mm	<b>89217-234</b>	Each
40 L	120 mm	<b>89217-236</b>	Each



## VWR® Polypropylene Carboys with Versatile Caps

VWR® Polypropylene Carboys are designed to provide users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Large handles on top of the container and molded handles in the base provide a full, secure grip to make lifting, carrying, and pouring easy. Specified models are available with a 120mm wide neck, which allows the user to reach inside the carboy for easier cleaning. Leakproof polypropylene versatile caps offer the ultimate in connection flexibility. Open caps (sold separately) are compatible with interchangeable adapters, which feature a wide variety of top-connections, including molded-in hose barbs and quick-connect hose barbs. All carboys have their material and volume clearly imprinted on the outside of the bottle, as well as large, easy to read metric graduation marks which are certified to ±5% accuracy.

VWR® Polypropylene Carboys are molded from a translucent USP Class VI, FDA grade, autoclavable resin, which offers good chemical resistance and heat stability. Polypropylene carboys, as well as all versatile caps, adapters, versatile barbs, and spigots may be autoclaved. The recommended autoclaving cycle is 20 minutes at 15 PSI and 121°C (250°F).

Capacity	Cap Size	Cat. No.	Unit
<b>Polypropylene Carboys</b>			
2.5 L (0.66 gal.)	80 mm	<b>89199-166</b>	Each
5 L (1.3 gal.)	80 mm	<b>89170-782</b>	Each
10 L (2.6 gal.)	80 mm	<b>89170-786</b>	Each
20 L (5.3 gal.)	80 mm	<b>89170-792</b>	Each
20 L (5.3 gal.)	120 mm	<b>89170-794</b>	Each
40 L (10.6 gal.)	120 mm	<b>89170-802</b>	Each
75 L (19.8 gal.)	120 mm	<b>89217-554</b>	Each
<b>Polypropylene Carboys with Spigot</b>			
5 L (1.3 gal.)	80 mm	<b>89170-784</b>	Each
10 L (2.6 gal.)	80 mm	<b>89170-790</b>	Each
20 L (5.3 gal.)	80 mm	<b>89170-798</b>	Each
20 L (5.3 gal.)	120 mm	<b>89170-800</b>	Each
40 L (10.6 gal.)	120 mm	<b>89170-806</b>	Each



## VWR® Polypropylene Carboys with 3" Sanitary Neck

VWR® Polypropylene Carboys are designed to provide users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Large handles on top of the container and molded handles in the base provide a full, secure grip to make lifting, carrying, and pouring easy. Sanitary carboys feature a 7.6cm (3") sanitary neck. All carboys have their material and volume clearly imprinted on the outside of the bottle, as well as large, easy to read metric graduation marks which are certified to ±5% accuracy.

VWR® Polypropylene Carboys are molded from a translucent USP Class VI, FDA grade, autoclavable resin. The resin offers good chemical resistance and heat stability. Polypropylene carboys, as well as all versatile caps, adapters, versatile barbs, and spigots may be autoclaved. The recommended autoclaving cycle is 20 minutes at 15 PSI and 121°C (250°F).



Capacity	Cat. No.	Unit
10 L (2.5 gal.)	<b>89170-788</b>	Each
20 L (5.3 gal.)	<b>89170-796</b>	Each
40 L (10.6 gal.)	<b>89170-804</b>	Each



## VWR® Dark Amber Polypropylene Carboys with Versatile Caps

VWR® Dark Amber Carboys are designed to protect photo-sensitive materials, while providing users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Larger handles on top of the container and molded grips in the base provide a full, secure grip to make lifting, handling, and pouring easy. The optional wide neck allows the user to reach inside the carboy for easier cleaning. Carboy material and volume are clearly imprinted on the outside of the container as well as large, easy to read, metric graduation marks which are certified to  $\pm 5\%$  accuracy. Dark Amber Carboys are made from polypropylene, in compliance with FDA requirements for food use. Versatile caps are constructed of polypropylene and are autoclavable at 121° C (250° F) for fifteen minutes.

Capacity	Cap Size	Cat. No.	Unit
5 L (1.3 gal.)	80 mm	<b>89233-024</b>	Each
20 L (5.3 gal.)	120 mm	<b>89233-032</b>	Each



## VWR® Copolyester Carboys with Versatile Caps

VWR® Copolyester Carboys are designed to provide users with a highly versatile container that maximizes storage efficiency and ease of use. The distinctive rectangular shape saves valuable bench space. Large handles on top of the container and molded handles in the base provide a full, secure grip to make lifting, carrying, and pouring easy. Specified models are available with a 120mm wide neck, which allows the user to reach inside the carboy for easier cleaning. Leakproof polypropylene versatile caps offer the ultimate in connection flexibility. Open caps (sold separately) are compatible with interchangeable adapters, which feature a wide variety of top-connections, including molded-in hose barsbs and quick-connect hose barsbs. All carboys have their material and volume clearly imprinted on the outside of the bottle, as well as large, easy to read metric graduation marks which are certified to  $\pm 5\%$  accuracy.

VWR® Copolyester Carboys are molded from a clear, BPA-free, USP Class VI, and FDA grade resin. Carboys are suitable for aqueous solutions, as well as most Life Science buffer solutions. Versatile caps, adapters, versatile barsbs, and spigots are constructed of polypropylene. The recommended autoclaving cycle for versatile caps, adapters, versatile barsbs, and spigots is 20 minutes at 15 PSI and 121°C (250°F).

Capacity	Cap Size	Cat. No.	Unit
<b>Copolyester Carboys</b>			
2.5 L (0.66 gal.)	80 mm	<b>89199-168</b>	Each
5 L (1.3 gal.)	80 mm	<b>89170-808</b>	Each
10 L (2.6 gal.)	80 mm	<b>89170-812</b>	Each
20 L (5.3 gal.)	120 mm	<b>89170-818</b>	Each
40 L (10.6 gal.)	120 mm	<b>89170-824</b>	Each
<b>Copolyester Carboys with Spigot</b>			
5 L (1.3 gal.)	80 mm	<b>89170-810</b>	Each
10 L (2.6 gal.)	80 mm	<b>89170-814</b>	Each
20 L (5.3 gal.)	120 mm	<b>89170-822</b>	Each



## VWR® Rectangular Carboy with Spigot, Wide Mouth

Use for storing and dispensing solutions and media. Ideal for sterile water storage, polypropylene carboys can be autoclaved before refilling to stop recurring bacterial growth. Excellent chemical resistance. Graduated to identify the volume dispensed.

The high-density polyethylene, disposable carboys are ideal for storage and transfer of sterile fluids and pharmaceutical/biotech reagents. Carboys offer excellent chemical resistance and are well suited for use from -100 to 100°C (-148 to 212°F). Graduated to identify the volume dispensed.

Rectangular carboys feature a heavy-duty stainless steel handle for easy carrying and pouring. Carboys are leak-proof on standard test conditions. Spigots are tied to the handle, and require assembly by hand for usage. No tools are necessary for assembly.

**Ordering Information:** Spigot included. Polypropylene carboys are autoclavable. HDPE carboys are not autoclavable. Always disassemble spigot and cap from carboy before autoclaving.

Resin meets US FDA 21 CFR, USP Class VI.

Capacity	Material	Neck I.D.	Cap Size	Sterility	Cat. No.	Unit
10 L (2.6 gal.)	HDPE	85 mm	100 mm	Nonsterile	<b>10755-094</b>	Case of 6
10 L (2.6 gal.)	Polypropylene	85 mm	100 mm	Nonsterile	<b>10755-096</b>	Case of 6
20 L (5.3 gal.)	HDPE	85 mm	100 mm	Nonsterile	<b>10755-106</b>	Case of 4
20 L (5.3 gal.)	Polypropylene	85 mm	100 mm	Nonsterile	<b>10755-108</b>	Case of 4

## VWR® Round Carboy, Narrow Mouth

Use for storing and dispensing solutions and media. Ideal for sterile water storage, polypropylene carboys can be autoclaved before refilling to stop recurring bacterial growth. Excellent chemical resistance. Graduated to identify the volume dispensed.

The high-density polyethylene, disposable carboys are ideal for storage and transfer of sterile fluids and pharmaceutical/bio-tech reagents.

Carboys offer excellent chemical resistance and are well suited for use from –100 to 100°C (–148 to 212°F). Graduated to identify the volume dispensed. Round carboys feature an integrated shoulder handle. The sterile carboy is available for high purity applications.

**Ordering Information:** Polypropylene carboys are autoclavable. LDPE and HDPE carboys are not autoclavable. Always disassemble spigot and cap from carboy before autoclaving.

Capacity	Material	Neck I.D.	Cap Size	Sterility	Cat. No.	Unit
10 L (2.6 gal.)	HDPE	65 mm	83 mm	Nonsterile	10755-098	Case of 6
10 L (2.6 gal.)	LDPE	65 mm	83 mm	Nonsterile	10755-084	Case of 6
10 L (2.6 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	10755-086	Case of 6
20 L (5.3 gal.)	HDPE	65 mm	83 mm	Sterile	10755-121	Case of 4
20 L (5.3 gal.)	LDPE	65 mm	83 mm	Nonsterile	10755-112	Case of 4
20 L (5.3 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	10755-114	Case of 4
50 L (13.2 gal.)	LDPE	65 mm	83 mm	Nonsterile	10755-124	Each
50 L (13.2 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	10755-126	Each



## VWR® Round Carboy with Spigot, Narrow Mouth

Use for storing and dispensing solutions and media. Ideal for sterile water storage, polypropylene carboys can be autoclaved before refilling to stop recurring bacterial growth. Excellent chemical resistance. Graduated to identify the volume dispensed.

Carboys offer excellent chemical resistance and are well suited for use from –100 to 100°C (–148 to 212°F). Graduated to identify the volume dispensed. Round carboys feature an integrated shoulder handle.

Carboys are leak-proof on standard test conditions. Spigots are tied to the handle, and require assembly by hand for usage. No tools are necessary for assembly.

**Ordering Information:** Spigot included. Polypropylene carboys are autoclavable. LDPE carboys are not autoclavable. Always disassemble spigot and cap from carboy before autoclaving.

Resin meets US FDA 21 CFR, USP Class VI.

Capacity	Material	Neck I.D.	Cap Size	Sterility	Cat. No.	Unit
10 L (2.6 gal.)	LDPE	65 mm	83 mm	Nonsterile	10755-088	Case of 6
10 L (2.6 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	10755-090	Case of 6
20 L (5.3 gal.)	LDPE	65 mm	83 mm	Nonsterile	10755-116	Case of 4
20 L (5.3 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	10755-118	Case of 4
50 L (13.2 gal.)	LDPE	65 mm	83 mm	Nonsterile	10755-128	Each
50 L (13.2 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	10755-130	Each





## VWR® Heavy-Duty Round Carboy, Narrow Mouth

Use for storing and dispensing solutions and media. Ideal for sterile water storage, polypropylene carboys can be autoclaved before refilling to stop recurring bacterial growth. Excellent chemical resistance. Graduated to identify the volume dispensed.

Carboys offer excellent chemical resistance and are well suited for use from –100 to 100°C (–148 to 212°F). Graduated to identify the volume dispensed. Round carboys feature an integrated shoulder handle.

**Ordering Information:** Polypropylene carboys are autoclavable. Always disassemble spigot and cap from carboy before autoclaving.

Resin meets US FDA 21 CFR, USP Class VI.

Capacity	Material	Neck I.D.	Cap Size	Sterility	Cat. No.	Unit
10 L (2.6 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	<b>10755-092</b>	Case of 6
20 L (5.3 gal.)	Polypropylene	65 mm	83 mm	Nonsterile	<b>10755-104</b>	Case of 4



## VWR® Round Carboy, Wide Mouth

Use for storing and dispensing solutions and media. Ideal for sterile water storage, polypropylene carboys can be autoclaved before refilling to stop recurring bacterial growth. Excellent chemical resistance. Graduated to identify the volume dispensed.

Carboys offer excellent chemical resistance and are well suited for use from –100 to 100°C (–148 to 212°F). Graduated to identify the volume dispensed. Round carboys feature an integrated shoulder handle.

**Ordering Information:** Polypropylene carboys are autoclavable. LDPE carboys are not autoclavable. Always disassemble spigot and cap from carboy before autoclaving.

Resin meets US FDA 21 CFR, USP Class VI

Capacity	Material	Neck I.D.	Cap Size	Sterility	Cat. No.	Unit
10 L (2.6 gal.)	LDPE	85 mm	100 mm	Nonsterile	<b>10755-100</b>	Case of 6
10 L (2.6 gal.)	Polypropylene	85 mm	100 mm	Nonsterile	<b>10755-102</b>	Case of 6
20 L (5.3 gal.)	Polypropylene	85 mm	100 mm	Nonsterile	<b>10755-122</b>	Case of 4



## Stopcock for VWR® Carboys

Pack consists of spigot, adaptor for tube connection, and stopper for long storage. When in use, the spigot must be replaced with stopper. Stopcock is designed to be tightly assembled by hand, and therefore does not require any tools for assembly. Autoclavable.

Resin meets US FDA 21 CFR, USP Class VI.

Description	Cat. No.	Unit
Stopcock for VWR® Collection Carboys	<b>10766-762</b>	Each Case of 6

