

Corning® U-shaped Flasks 75, 150, and 175 cm²

Cells won't notice the improvements. You will.

The improved design features of the Corning U-shaped 75, 150, and 175 cm² flasks benefit the researcher while delivering the same excellent cell culture conditions and high quality manufacturing you have come to rely upon from Corning.

Rounded shoulders provide better access for rinsing the growth surface and for scraping to collect cells. Additionally, the U-shaped 150 cm² flask is shorter in height and has a wider diameter opening than its rectangular counterpart, allowing for better access with cell scrapers and serological pipets.

The U-shaped 175 cm² flask is thinner than the traditional rectangular flask. As a result, it is easier to hold and takes up less vertical space when stacked during incubation.



Features

- ▶ More efficient cell recovery
- ▶ Rounded shoulders for easier scraping
- ▶ Access for up to 50 mL pipets
- ▶ Stable stacking design
- ▶ Manufactured from optically clear virgin polystyrene
- ▶ Manufactured in compliance with cGMP standards

Product Specifications

- ▶ Available non-treated, Tissue Culture-treated, Ultra-Low Attachment (ULA), and Corning CellBIND® surface (depending on volume)
- ▶ Nonpyrogenic
- ▶ Resin meets USP Class VI specifications
- ▶ Sterility Assurance Level (SAL) of 10⁻⁶
- ▶ BSE/TSE compliant
- ▶ Canted neck on 75 and 150 cm² flask; angled neck on 175 cm² flask
- ▶ Molded-in graduations for volumetric measurement estimation
- ▶ Catalog number and lot number printed on each flask for improved traceability
- ▶ The same cell growth as traditional rectangular design

Flask Cap Styles

- ▶ **Plug seal caps** feature one-piece linerless construction and are designed for use in closed systems, providing a liquid- and gas-tight seal. When loosened, this cap can also be used in open systems.
- ▶ **Phenolic-style caps** are designed (when loosened) for use in open systems requiring gas exchange. With the caps slightly loosened, gas is exchanged between the environments inside and outside of the flask.
- ▶ **Vent caps** contain a 0.2 µm pore, hydrophobic membrane sealed to the cap, isolating the container it is placed on from the environment while providing consistent gas exchange. These caps are highly recommended for use in all CO₂ incubators, especially for long-term use.



Flask Neck Styles

- ▶ **Canted neck flasks** allow easier pouring and improved access to the flask for pipetting or scraping.
- ▶ **Angled neck flasks** improve pipet access and reduce medium sloshing into the neck.



Corning U-shaped flasks use 23-30% less plastic compared to the standard T-shaped flask design and are included in Corning EcoChoice™. All products included in the program are produced, packaged, or distributed in an environmentally friendly manner following United States FTC Guidelines. To learn more, go to us.vwr.com/cms/corning_sustainability.

Ordering Information

75 cm² Growth Area U-shaped Flasks



VWR Cat. No.	Corning Cat. No.	Surface	Neck Style	Cap Style	Qty/Pk	Qty/Cs
10144-832	430641U	TC-treated	Canted	Vent	5	100
10144-834	430720U	TC-treated	Canted	Plug seal	5	100
10144-860	430725U	TC-treated	Canted	Phenolic-style	5	100
10144-862	431464U	Not treated	Canted	Vent	5	100
46610-078	3290	CellBIND	Canted	Vent	5	100
89089-878	3814	ULA	Canted	Vent	4	24

150 cm² Growth Area U-shaped Flasks



Rounded shoulders enable easier cell scraping.

VWR Cat. No.	Corning Cat. No.	Surface	Neck Style	Cap Style	Qty/Pk	Qty/Cs
29186-160	430823	TC-treated	Canted	Plug seal	5	50
29186-192	430824	TC-treated	Canted	Phenolic-style	5	50
29186-106	430825	TC-treated	Canted	Vent	5	50
46610-080	3291	CellBIND	Canted	Vent	5	50
89092-702	431465	Not treated	Canted	Vent	5	50

175 cm² Growth Area U-shaped Flasks

VWR Cat. No.	Corning Cat. No.	Surface	Neck Style	Cap Style	Qty/Pk	Qty/Cs
89090-948	431079	TC-treated	Angled	Plug seal	5	50
89090-950	431080	TC-treated	Angled	Vent	5	50
29560-969	431085	TC-treated	Angled	Phenolic-style	5	50
46610-082	3292	CellBIND	Angled	Vent	5	50
89092-704	431466	Not treated	Angled	Vent	5	50

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Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.

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