

# Corning® U-shaped Flasks 75, 150, and 175 cm<sup>2</sup>

Cells won't notice the improvements. You will.

CORNING

The improved design features of the Corning U-shaped 75, 150, and 175 cm<sup>2</sup> 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 cm<sup>2</sup> 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 cm<sup>2</sup> 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<sup>-6</sup>
- ▶ BSE/TSE compliant
- ▶ Canted neck on 75 and 150 cm<sup>2</sup> flask; angled neck on 175 cm<sup>2</sup> 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. See Application Notes (CLS-AN-246 and CLS-AN-540).



## 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 CO<sub>2</sub> 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 [www.corning.com/EcoChoice](http://www.corning.com/EcoChoice).

## Ordering Information

### 75 cm<sup>2</sup> Growth Area U-shaped Flasks



| Cat. No. | Surface     | Neck Style | Cap Style      | Qty/Pk | Qty/Cs |
|----------|-------------|------------|----------------|--------|--------|
| 430641U  | TC-treated  | Canted     | Vent           | 5      | 100    |
| 430720U  | TC-treated  | Canted     | Plug seal      | 5      | 100    |
| 430725U  | TC-treated  | Canted     | Phenolic-style | 5      | 100    |
| 431464U  | Not treated | Canted     | Vent           | 5      | 100    |
| 3290     | CellBIND    | Canted     | Vent           | 5      | 100    |
| 3814     | ULA         | Canted     | Vent           | 4      | 24     |

### 150 cm<sup>2</sup> Growth Area U-shaped Flasks



Rounded shoulders enable easier cell scraping.

| Cat. No. | Surface     | Neck Style | Cap Style      | Qty/Pk | Qty/Cs |
|----------|-------------|------------|----------------|--------|--------|
| 430823   | TC-treated  | Canted     | Plug seal      | 5      | 50     |
| 430824   | TC-treated  | Canted     | Phenolic-style | 5      | 50     |
| 430825   | TC-treated  | Canted     | Vent           | 5      | 50     |
| 3291     | CellBIND    | Canted     | Vent           | 5      | 50     |
| 431465   | Not treated | Canted     | Vent           | 5      | 50     |

### 175 cm<sup>2</sup> Growth Area U-shaped Flasks

| Cat. No. | Surface     | Neck Style | Cap Style      | Qty/Pk | Qty/Cs |
|----------|-------------|------------|----------------|--------|--------|
| 431079   | TC-treated  | Angled     | Plug seal      | 5      | 50     |
| 431080   | TC-treated  | Angled     | Vent           | 5      | 50     |
| 431085   | TC-treated  | Angled     | Phenolic-style | 5      | 50     |
| 3292     | CellBIND    | Angled     | Vent           | 5      | 50     |
| 431466   | Not treated | Angled     | Vent           | 5      | 50     |

**How to Purchase:** For specific availability in your region and purchasing options, terms and conditions of sale, customer/product support, and certificates, visit [www.corning.com/how-to-buy](http://www.corning.com/how-to-buy).

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