

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

Cells won't notice the improvements.  
You will.

CORNING



The improved design features of the Corning U-shaped 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

- ▶ 150 and 175 cm<sup>2</sup> cell growth areas
- ▶ Rounded shoulders for easier scraping
- ▶ Access for up to 50 mL pipets
- ▶ Stable stacking design
- ▶ USP Class VI polystyrene
- ▶ Manufactured in compliance with cGMP standards

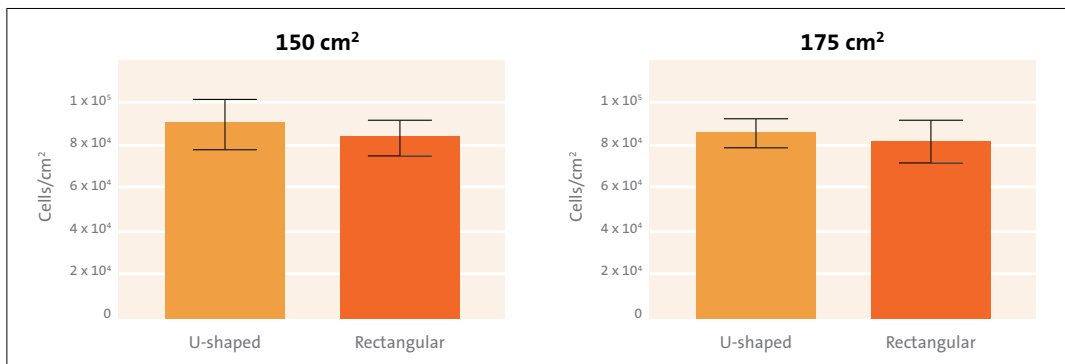


Rounded shoulders enable easier cell scraping.

## Corning U-shaped 150 and 175 cm<sup>2</sup> Flasks Demonstrate Same Cell Growth as Traditional Rectangular Design

The data demonstrate that Vero cells and HEK-293 cells exhibit comparable growth when cultured on rectangular and U-shaped Corning 150 and 175 cm<sup>2</sup> flasks.

Additional studies were performed to evaluate growth of HEK-293 cells under reduced serum conditions in U-shaped and rectangular flasks. The results demonstrated comparable levels of cell growth (data not shown – see the complete Application Note; Corning Lit. Code CLS-AN-540).



Cell yields for Vero cells cultured in U-shaped and rectangular flasks. Each cell growth evaluation was repeated three independent times with n = 9 per vessel shape and size.

## Product Specifications

- ▶ Available non-treated, Tissue Culture-treated, and Corning CellBIND® surface
- ▶ Nonpyrogenic
- ▶ Resin meets USP Class VI specifications
- ▶ Sterility Assurance Level (SAL) of 10<sup>-6</sup>
- ▶ BSE/TSE compliant
- ▶ Canted neck on 150 cm<sup>2</sup> flask; angled neck on 175 cm<sup>2</sup> flask
- ▶ Molded-in graduations for volumetric measurement estimation

## Ordering Information

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

Cat. No.	Flask Description	Qty/Pk	Qty/Cs
430823	150 cm <sup>2</sup> canted neck, plug seal cap, TC-treated	5	50
430824	150 cm <sup>2</sup> canted neck, phenolic style cap, TC-treated	5	50
430825	150 cm <sup>2</sup> canted neck, vented cap, TC-treated	5	50
431465	150 cm <sup>2</sup> canted neck, vented cap, not treated	5	50
3291	150 cm <sup>2</sup> canted neck, vented cap, Corning CellBIND® surface	5	50

### Corning 175 cm<sup>2</sup> U-Shaped Flasks

Cat. No.	Flask Description	Qty/Pk	Qty/Cs
431079	175 cm <sup>2</sup> angled neck, plug seal cap, TC-treated	5	50
431085	175 cm <sup>2</sup> angled neck, phenolic style cap, TC-treated	5	50
431080	175 cm <sup>2</sup> angled neck, vented cap, TC-treated	5	50
431466	175 cm <sup>2</sup> angled neck, vented cap, not treated	5	50
3292	175 cm <sup>2</sup> angled neck, vented cap, Corning CellBIND surface	5	50

For more specific information on claims, visit the Certificates page at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

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