

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

CORNING

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. 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 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 www.corning.com/EcoChoice.

Ordering Information

75 cm² 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 cm² 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 cm² 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.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

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.

CORNING

Corning Incorporated
Life Sciences

www.corning.com/lifesciences

NORTH AMERICA

t 800.492.1110
t 978.442.2200

ASIA/PACIFIC

Australia/New Zealand

t 61 427286832

Chinese Mainland

t 86 21 3338 4338

India

t 91 124 4604000

Japan

t 81 3-3586 1996

Korea

t 82 2-796-9500

Singapore

t 65 6572-9740

Taiwan

t 886 2-2716-0338

EUROPE

CEurope@corning.com

France

t 0800 916 882

Germany

t 0800 101 1153

The Netherlands

t 020 655 79 28

United Kingdom

t 0800 376 8660

All Other European Countries

t +31 (0) 206 59 60 51

LATIN AMERICA

grupolA@corning.com

Brazil

t 55 (11) 3089-7400

Mexico

t (52-81) 8158-8400

The information contained within is accurate as of the date of publication and subject to change without notice.

For a listing of trademarks, visit www.corning.com/trademarks. All other trademarks are the property of their respective owners.

© 2014, 2026 Corning Incorporated. All rights reserved. 2/26 CLS-CC-104 REV1