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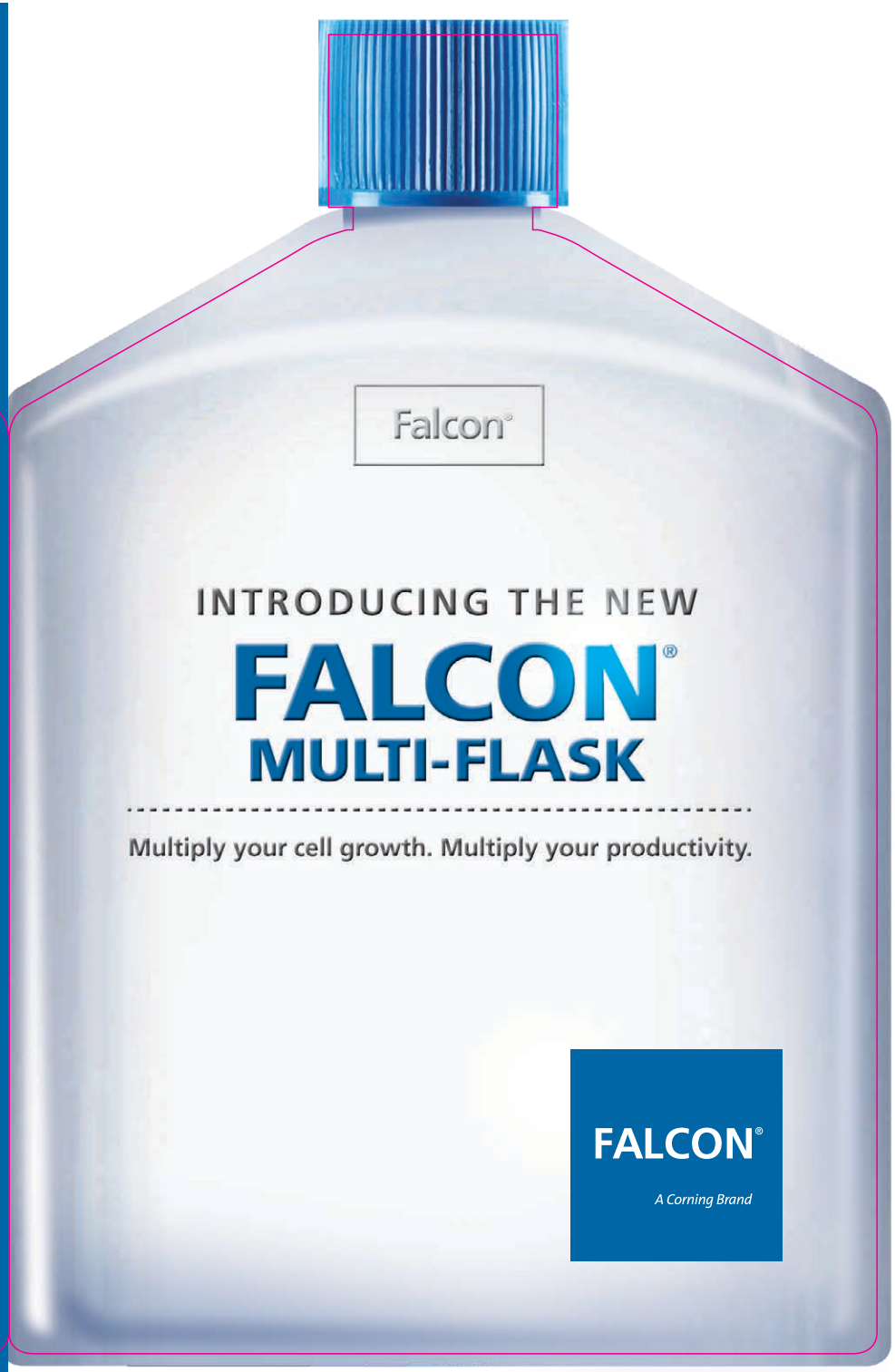
Corning acquired the Falcon® brand.



Falcon® Multi-Flask

Long to-do list? Falcon Multi-Flasks can help. These convenient 3- and 5-layer flasks provide greater surface area and cell yield than single-layer T-175 flasks, but with the same footprint and seeding densities, so you can easily scale-up existing protocols.

An innovative new design lets you mix cells and media in the flask and access cells by pipet, so there are fewer steps than other multi-layer flask protocols—and less contamination risk.

See for yourself. Request free Falcon Multi-Flask samples today.
See page 9 for details.

FEATURES:

- Even distribution of media across all layers for homogeneous cell growth.
- Ability to mix cells and reagents in the Falcon Multi-Flask saves time and reduces risk of contamination.
- Flexible design lets you pour or recover cells using a pipet.
- Consistent surface treatments for predictable scale-up.
- Lot number is printed on each flask for traceability.
- Manufactured in compliance to cGMP standards.

Designed to Fit Your Protocol

Simplify your scale-up. Falcon® Multi-Flasks offer the same footprint and the same reagent volumes and cell seeding densities per unit area as 175 cm^2 flasks. Plus, you'll be using the same proven surface treatment as all other Falcon flasks.

Improves Your Cell Culture Productivity

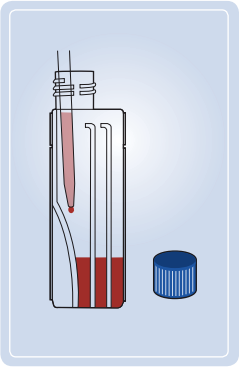
Falcon Multi-Flasks deliver a thoughtful design that simplifies your workflow. You can eliminate multiple steps and reduce the risk of contamination.

- Pipet access allows you to aspirate to replenish media and recover cells without pouring.
- The mixing port enables rapid mixing inside the vessel and allows you to add your cell suspension, transfection, or other reagents directly to the flask. The port also enables uniform distribution of media and cells to facilitate homogeneous cell growth on all layers.

More Consistent Cell Growth

Falcon Multi-Flasks' even distribution of media, proven vacuum-gas tissue culture surface treatment, and effective gas exchange all combine to provide an optimal cell culture environment. The result is high cell yield and a homogeneous cell population.

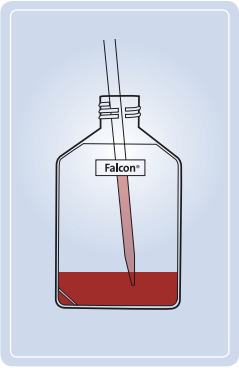
Adding Media and Preparing Cell Suspension within the Falcon® Multi-Flask



1. Add required amount of medium into Falcon Multi-Flask by pipet or by pouring using typical culture volumes of 25-50 mL per layer.

2. To avoid foaming of medium, allow liquid stream to flow along the slope of the logo side of the Falcon Multi-Flask.

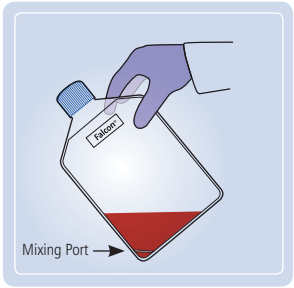
Helpful hint: *A 10 mL pipet allows media to be dispensed at the bottom of the vessel. 25-100 mL pipets allow media to be dispensed just past the logo.*



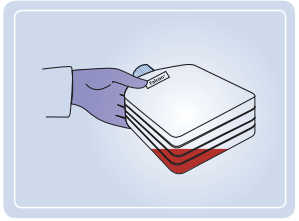
3. Dispense cell suspension from a concentrated stock into the growth medium using a Falcon 10 mL pipet (Cat. No. 357551 or 356551). Be sure to dip the pipet tip into the medium.

Note: *The seeding density will vary depending on the cell type, medium, and culture duration needs. Begin with the same seeding density on a cells per centimeter square area to that used in standard flask for the cell type used.*

Mixing of Cells in Falcon® Multi-Flask



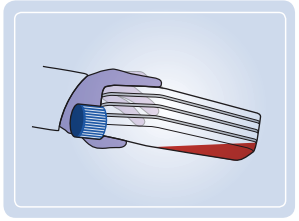
4. Mix position: Hold the Falcon Multi-Flask upright with the logo facing you and tilt counter-clockwise to a 45° angle.



5a. Holding at the same angle, gently rotate the Falcon Multi-Flask forward (neck pointing away from you).

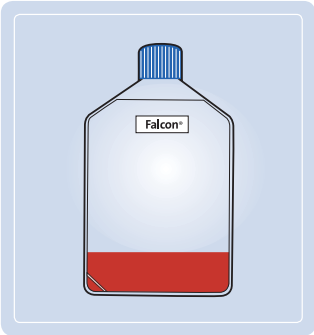
5b. Then, gently rotate it backward (neck pointing towards you).

Note: *With each tilt, hold until liquid in the top layer drains fully.*



6. Repeat Step 5 to ensure proper mixing. Bring back to mix position, as shown in Step 4. Then, proceed to Step 7 for equilibration.

Equiliberating Fluid



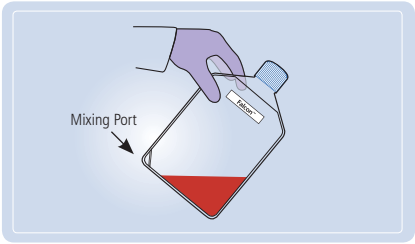
7. After mixing or adding cell suspension, place the Falcon® Multi-Flask vertically on a flat work surface to equalize liquid volume among all the layers.

Alternate Protocol

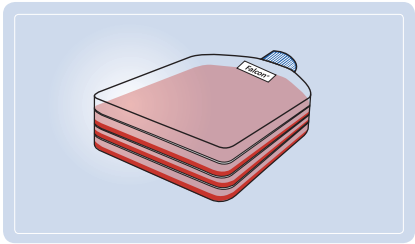
Adding cell suspension prepared external to the Falcon Multi-Flask

1. Create cell suspension externally from the Falcon Multi-Flask.
2. Add required amount of cell suspension into the Falcon Multi-Flask by pipet or by pouring.
3. To avoid foaming of medium, allow liquid stream to flow along the slope of the logo side of the Falcon Multi-Flask.

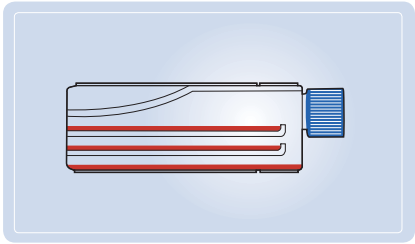
Partitioning and Distributing Liquids Into Layers



8. Hold the Falcon® Multi-Flask upright with the logo facing you and tilt clockwise to a 45° angle on a flat work surface to partition the liquid into each of the layers. This position is recommended for transport.



9. While holding the Falcon Multi-Flask at a 45° angle, gently lay it flat onto the work surface with logo facing up.

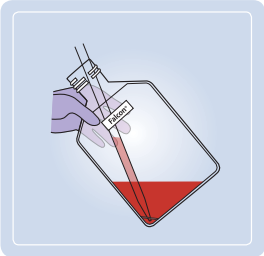


10. After placing the Falcon Multi-Flask flat on a work surface, gently rock back and forth and side-to-side to distribute cells evenly onto culture surfaces – taking care not to spill liquid from each layer.

Removing Media

If exchange of media is required, follow Steps 7-10. You may choose to either aspirate or pour the media from the Falcon® Multi-Flask.

Aspirating Method

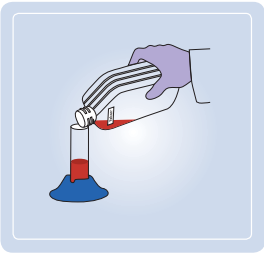


11. To aspirate or remove media tilt the Falcon Multi-Flask, with the logo facing you, counter-clockwise to a 45° angle while inverting the Falcon Multi-Flask toward you.

12. Then, tilt the Falcon Multi-Flask to the right, continuing to aspirate all residual media.

Helpful hint: *Aspirate media using a Falcon 2 mL aspirating pipet (Cat. No. 357558).*

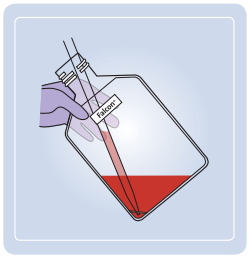
Pouring Method



13. With logo facing down, pour spent media from the Falcon Multi-Flask.

Helpful hint: *Pouring is easier when the logo is facing you and the flask is tilted at a counter-clockwise 45° angle.*

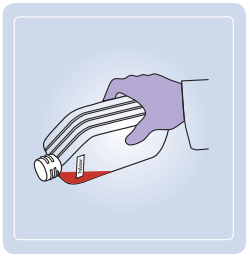
Harvesting Cells



14. Add dissociating reagent (≥ 5 mL per layer) based on preferred protocol and bring to mix position (Step 4). Then, follow Steps 7-10.

15. Neutralize with inactivating solution and mix following Steps 4-10. Gently swirl to dislodge cells completely.

16. Pipetting Method: Follow “Media Removal” protocol but collect cell suspension using a Falcon® 10 mL serological pipet (Cat. No. 357551).



17. Follow Step 13 “Pouring Method”. Pour detached cell suspension into a Falcon conical tube (Cat. No. 352070).

18. Rinse with additional media as needed.

Helpful hint: *Pouring is easier when the logo is facing you and the flask is tilted at a counter-clockwise 45° angle.*

Falcon® Multi-Flask
SPECIAL OFFER

FREE samples

We believe you'll find the Falcon Multi-Flask will save you time and provide you with superior results. Request a free sample of Falcon Multi-Flask today and see for yourself.

For details, visit your authorized Corning distributor's website to request a sample: **netascientific.com/neta-support**

Offer valid in U.S. and Canada only.

PRODUCT SPECIFICATIONS

WORKING VOLUME RANGE	≥5 mL per layer for dissociating ≤50 mL per layer for cell expansion
MOLDED-IN GRADUATIONS	0 to 50 mL per layer in 10 mL increments
GRADUATION ACCURACY	10%
CAP VENT MEMBRANE	0.2 µm hydrophobic membrane
CELL GROWTH SURFACE	Tissue culture-treated, optically clear

ORDER INFORMATION

Falcon® Multi-Flask

Description	Qty./Pack	Qty./Case	Cat. No.
3-LAYER TISSUE CULTURE-TREATED, 525 CM^2	2	12	353143
5-LAYER TISSUE CULTURE-TREATED, 875 CM^2	1	8	353144

ACCESSORIES

Description	Qty./Pack	Qty./Case	Cat. No.
Falcon Pipets			
ASPIRATING PIPET 2 ML INDIVIDUALLY WRAPPED	50	200	357558
ASPIRATING PIPET 5 ML INDIVIDUALLY WRAPPED	50	200	357501
10 ML INDIVIDUALLY WRAPPED PAPER-PLASTIC	50	200	357551
10 ML INDIVIDUALLY WRAPPED ALL-PLASTIC	50	200	356551
Falcon Tubes			
50 ML POLYPROPYLENE CONICAL TUBE	25	500	352070
175 ML POLYPROPYLENE CONICAL TUBE	8	48	352076
225 ML POLYPROPYLENE CONICAL TUBE	8	48	352075