

VESSELS

SURFACES

MEDIA



Save Every Time You Filter

Improve your Cell Culture Success.
Right from the start.

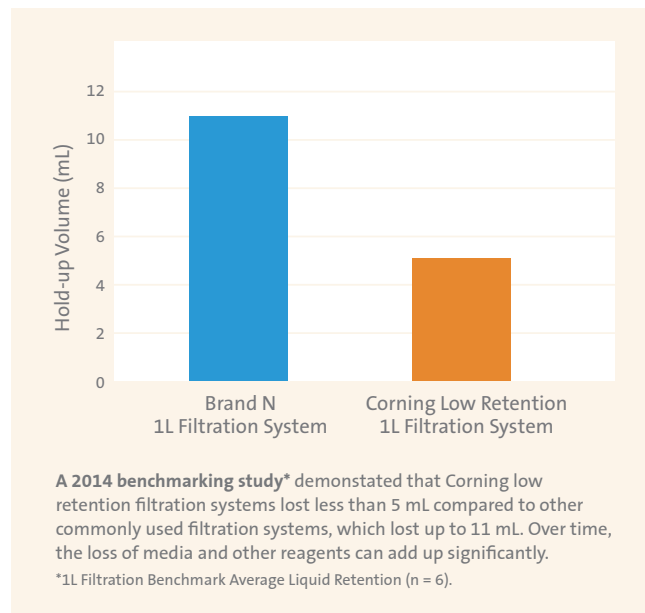
CORNING

Corning® Low Retention Filtration Systems

Save Every Time You Filter with Corning® Low Retention Filtration Systems

Sterile filtration of liquids (media and buffers) for use in cell culture and assays is a critical and necessary step to ensure a contamination-free environment. During filtration, all systems retain some liquid that cannot be recovered. This is called “hold-up” volume. The larger the hold-up volume, the greater the loss of media and reagents.

In a recent benchmarking study, Corning low retention filtration systems were shown to have the lowest hold-up volume of all major brands.



Visit www.corning.com/lifesciences/filtration to see the Corning low retention filtration system difference.

In addition to a low hold-up volume, Corning filtration systems are available with a 0.22 μm PES membrane, which provides fast flow and low protein binding.

With Corning low retention filtration systems, you can be sure that you are saving media and reagents every time you perform filtration.

Request a sample online at www.corning.com/lifesciences/filtration.

Ordering Information

Corning® Low Retention Filtration Systems

Vacuum Filtration Systems

| Cat. No. | Membrane | Funnel/Bottle Volume (mL) | Pore Size (µm) | Qty/Cs |
|---|----------|---------------------------|----------------|--------|
| 150 mL Capacity, 42 mm Square Membrane | | | | |
| 431153 | PES | 150/150 | 0.22 | 12 |
| 431154 | CA | 150/150 | 0.22 | 12 |
| 431155 | CA | 150/150 | 0.45 | 12 |
| 250 mL Capacity, 49.5 mm Square Membrane | | | | |
| 430756 | CN | 250/250 | 0.22 | 12 |
| 430767 | CA | 250/250 | 0.22 | 12 |
| 430768 | CA | 250/250 | 0.45 | 12 |
| 430771 | NY | 250/250 | 0.2 | 12 |
| 431096 | PES | 250/250 | 0.22 | 12 |
| 500 mL Capacity, 63 mm Square Membrane | | | | |
| 430758 | CN | 500/500 | 0.22 | 12 |
| 430769 | CA | 500/500 | 0.22 | 12 |
| 430770 | CA | 500/500 | 0.45 | 12 |
| 430773 | NY | 500/500 | 0.2 | 12 |
| 431097 | PES | 500/500 | 0.22 | 12 |
| 431475 | PES | 500/500 | 0.1 | 12 |
| 1,000 mL Capacity, 79 mm Square Membrane | | | | |
| 430186 | CN | 1,000/1,000 | 0.22 | 12 |
| 430515 | NY | 1,000/1,000 | 0.2 | 12 |
| 430516 | CA | 1,000/1,000 | 0.45 | 12 |
| 430517 | CA | 1,000/1,000 | 0.22 | 12 |
| 431098 | PES | 1,000/1,000 | 0.22 | 12 |
| 431205* | CA | 500*/1,000 | 0.22 | 12 |
| 431206* | CA | 500*/1,000 | 0.45 | 12 |
| 431474 | PES | 1,000/1,000 | 0.1 | 12 |

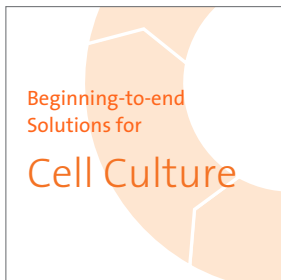
*500 mL funnel with 70 mm membrane.

CA = cellulose acetate, PES = polyethersulfone, CN = cellulose nitrate, NY = nylon.

Bottle Top Vacuum Filters

| Cat. No. | Membrane | Volume (mL) | Neck Size (mm) | Pore Size (µm) | Qty/Cs |
|---|----------------|--------------------------------|----------------|----------------|--------|
| 150 mL Capacity, 42 mm Square Membrane | | | | | |
| 430624 | CA | 150 | 33 | 0.22 | 48 |
| 430625 | CA | 150 | 33 | 0.45 | 48 |
| 430626 | CA | 150 | 45 | 0.22 | 48 |
| 430627 | CA | 150 | 45 | 0.45 | 48 |
| 431160 | PES | 150 | 33 | 0.22 | 48 |
| 431161 | PES | 150 | 45 | 0.22 | 48 |
| 500 mL Capacity, 63 mm Square Membrane | | | | | |
| 430049 | NY | 500 | 45 | 0.2 | 12 |
| 430512 | CA | 500 | 33 | 0.45 | 12 |
| 430513 | CA | 500 | 45 | 0.22 | 12 |
| 430514 | CA | 500 | 45 | 0.45 | 12 |
| 430521 | CA | 500 | 33 | 0.22 | 12 |
| 431117 | PES | 500 | 33 | 0.22 | 12 |
| 431118 | PES | 500 | 45 | 0.22 | 12 |
| 1,000 mL Capacity, 79 mm Square Membrane | | | | | |
| 430015 | CA | 1,000 | 45 | 0.22 | 12 |
| 431174 | PES | 1,000 | 45 | 0.22 | 12 |
| 150 mL Tube Top Vacuum Filters | | | | | |
| Cat. No. | Membrane | Funnel Size/ Tube Size (mL) | Pore Size (µm) | Qty/Cs | |
| 430314 | CA | 150/50 | 0.45 | 12 | |
| 430320 | CA | 150/50 | 0.22 | 12 | |
| Corning Glass Fiber Prefilters | | | | | |
| Cat. No. | Shape | Filter Funnel (mL) | Qty/Cs | | |
| 431410 | 42 mm square | 150 | 100 | | |
| 431411 | 49.5 mm square | 250 | 100 | | |
| 431412 | 63 mm square | 500 | 100 | | |
| 431413 | 79 mm square | 1000 | 100 | | |

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.



www.corning.com/lifesciences/solutions

At Corning, cells are in our culture. In our continuous efforts to improve efficiencies and develop new tools and technologies for life science researchers, we have scientists working in Corning R&D labs across the globe, doing what you do every day. From seeding starter cultures to expanding cells for assays, our technical experts understand your challenges and your increased need for more reliable cells and cellular material.

It is this expertise, plus a 160-year history of Corning innovation and manufacturing excellence, that puts us in a unique position to offer a beginning-to-end portfolio of high-quality, reliable cell culture consumables.

For additional product or technical information, please visit www.corning.com/lifesciences or call 800.492.1110. Customers outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

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