

Optimize your flow rate by

picking the best membrane for your liquid type



- Highly recommended for cell culture media, sera and buffers
- Very low protein binding
- Fast flow rates
- No wetting agents, low extractables

Cellulose Acetate (CA)

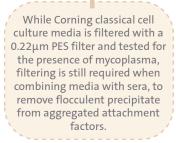
- Recommended for general filtration
- Low protein binding
- Naturally hydrophobic, contains wetting agent

Cellulose Nitrate (CN)

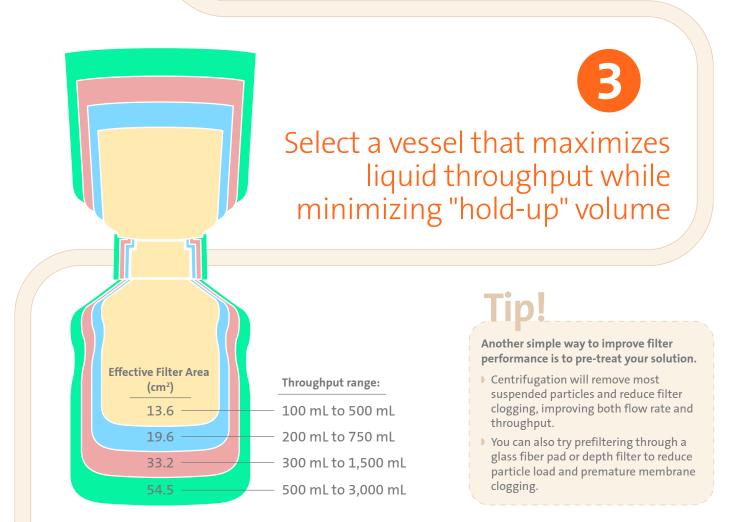
- General lab applications such as buffer filtration
- May bind proteins
- Naturally hydrophobic, contains wetting agent

Nylon

- For filtering more aggressive solutions such as those with alcohol or DMSO
- No wetting agents
- May bind proteins



Use nylon with cryopreservation solutions and reagents. Keep in mind total protein levels in the solution, as nylon binds more protein than PES.



How can I reduce liquid loss when I filter media or reagents?

All filtration systems retain some amount of liquid as it passes through the membrane, which can result in loss of media and reagents. This retained liquid is called "hold-up" volume.



In a recent internal study, Corning filtration systems were shown to have the lowest "hold-up" volume of all major brands, helping you save valuable media and reagents every time you filter.



Watch a comparison video to see the difference

Visit www.corning.com/lifesciences/filtration to watch a comparison video.



Safety Tips

Bottle top filters have the same funnel designs as systems and come in 2 styles, one for 33 mm and one for 45 mm neck sizes. Follow all safety precautions:

- Always use cylindrical bottles
- Never use a 45 mm threaded bottle top filter on a PYREX® or PYREXPLUS® media bottle larger than 2 liter capacity
- Never use a square bottle for vacuum applications
- Never use a 33 mm threaded bottle top filter on a glass media bottle that is larger than 500 mL

If you would like to request a sample or would like more information on Corning filtration systems or media, please visit www.corning.com/lifesciences/filtration





Growing healthy cells can be hard. Finding a trusted partner in cell culture is easy.

CORNING

See Corning's comprehensive beginning-to-end cell culture solutions online at www.corning.com/lifesciences