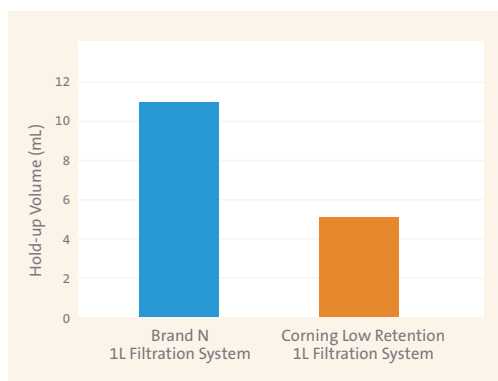


Corning® Filtration Systems: Low Liquid Retention with Superior Performance

CORNING

The Smart Choice for Filtration

- ▶ Corning vacuum filtration systems use a square filter membrane support system that increases filtration rates
- ▶ Features a low profile filter support that results in the lowest hold-up volume (liquid retention) of all major brands
- ▶ Environmentally friendly square design means virtually no wasted membrane compared to circular designs
- ▶ Higher capacity polyethersulfone (PES) membranes maximize throughput
- ▶ Pore size, membrane, and part number are printed on funnel
- ▶ Angled vacuum hose adapter for unit stability
- ▶ Glass fiber prefilters sold separately



A 2014 internal benchmarking study* demonstrated that Corning low retention filtration systems lost less than 5 mL compared to other commonly used filtration systems, which lost up to 11 mL. Over time, the loss of media and other reagents can add up significantly.

*1L Filtration System Benchmark Average Liquid Retention (n = 6).



Corning® 500 mL filtration system consists of a 500 mL polystyrene receiver bottle and filter funnel (Cat. No. 431097)

Select the Best Corning® Filtration System for Your Application

FILTRATION SYSTEMS

Membrane	Pore Size (µm)	Volume (mL)	Qty/Cs	Corning Products	Competitor Products		
					Millipore	Nalgene	Fisher Nalgene
150 mL Capacity							
PES	0.22	150	12	431153	SCGP U01 RE	565-0020	09-741-01
CA	0.22	150	12	431154	SCGV U01 RE	155-0020	09-740-28E
CA	0.45	150	12	431155	SCHV U01 RE	155-0045	09-740-28F
250 mL Capacity							
PES	0.22	250	12	431096	SCGP U02 RE	568-0020	09-741-04
CA	0.22	250	12	430767	SCGV U02 RE	157-0020	09-740-39A
CA	0.45	250	12	430768	SCHV U02 RE	157-0045	09-740-39B
CN	0.22	250	12	430756	SCGS U02 RE	126-0020	09-740-2A
NY	0.2	250	12	430771	SCGV U02 RE	153-0020	09-740-24A
500 mL Capacity							
PES	0.1	500	12	431475	N/A	566-0010	09-741-202
PES	0.22	500	12	431097	SCGP U05 RE	566-0020	09-741-02
CA	0.22	500	12	430769	SCGV U05 RE	156-4020	09-740-28C
CA	0.45	500	12	430770	SCHV U05 RE	156-4045	09-740-28D
CN	0.22	500	12	430758	SCGS U05 RE	450-0020	09-740-25A
NY	0.2	500	12	430773	SCGV U05 RE	151-4020	09-740-32
1000 mL Capacity							
PES	0.1	1,000	12	431474	SCVP U11 RE	N/A	N/A
PES	0.22	1,000	12	431098	SCGP U11 RE	567-0020	09-741-03
CA	0.22	500/1,000*	12	431205	N/A	158-0020	09-740-40A
CA	0.22	1,000	12	430517	SCGV U11 RE	161-0020	09-740-43A
CA	0.45	500/1,000*	12	431206	N/A	158-0045	09-740-40B
CA	0.45	1,000	12	430516	SCHV U11RE	161-0045	09-740-43B
CN	0.22	1,000	12	430186	SCGS U11 RE	127-0020	09-740-3A
NY	0.2	1,000	12	430515	SCGV U11 RE	164-0020	09-740-46
TUBE TOP FILTERS							
150 mL Capacity							
CA	0.22	150	12	430320	N/A	N/A	N/A
CA	0.45	150	12	430314	N/A	N/A	N/A
BOTTLE TOP FILTERS							
Membrane	Pore Size (µm)	Neck Size (mL)	Qty/Cs	Corning	Millipore	Nalgene	Fisher Nalgene
PES	0.22	45	48	431161	SCGP T01 RE	596-4520	09-741-09
PES	0.22	33	48	431160	SCGP S01 RE	596-3320	09-741-08
CA	0.22	45	48	430626	N/A	290-4520	09-740-22F
CA	0.22	33	48	430624	N/A	290-3320	09-740-22D
CA	0.45	45	48	430627	N/A	290-4545	09-740-22G
CA	0.45	33	48	430625	N/A	290-3345	09-740-22E
500 mL Capacity							
PES	0.22	45	12	431118	SCGP T05 RE	595-4520	09-741-07
PES	0.22	33	12	431117	SCGP S05 RE	595-3320	09-741-06
CA	0.22	45	12	430513	N/A	291-4520	09-740-22K
CA	0.22	33	12	430521	N/A	291-3320	09-740-22H
CA	0.45	45	12	430514	N/A	291-4545	09-740-22L
CA	0.45	33	12	430512	N/A	291-3345	09-740-22J
NY	0.2	45	12	430049	SCGP T05 RE	N/A	N/A
1000 mL Capacity							
PES	0.22	45	12	431174	SCGP T10 RE	597-4520	09-741-11
CA	0.22	45	12	430015	SCGP T10 RE	292-4520	09-740-47C

*500 mL funnel with 1,000 mL bottle.
CA = cellulose acetate, PES = polyethersulfone, CN = cellulose nitrate, NY = nylon.

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.

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