

NALGENE® MF75™ Ordering information



NALGENE MF75™ PES
The faster tissue culture membrane

Assymetric Polyethersulfone (PES) is the ultimate tissue culture membrane. It's fast and clean. PES is low protein binding, so there is less chance of removing critical protein from your media. It is hydrophilic, so no external wetting agents or surfactants are needed, resulting in low extractables. And it is fast, so you spend less time waiting.



NALGENE MF75 SFCA
Surfactant-free cellulose acetate

(SFCA) contains none of the wetting agents found in standard CA (cellulose acetate). These wetting agents have been shown to be toxic to specific cell lines in vitro.¹⁻³ SFCA also has lower protein binding than does standard CA. If you must use CA for media filtration, you owe it to your cell lines to switch to SFCA. SFCA is available only in NALGENE filter units and bottle-top filters.



NALGENE MF75 NYL

Nylon is tough, alcohol resistant, and has a low level of extractables. These membrane factors make it the choice for special applications.



NALGENE MF75 CN

Cellulose nitrate (CN) membranes are ideal for filtering and clarifying buffers and other aqueous solutions when protein binding is not a concern. NALGENE CN membranes are TRITON X®-free.

NALGENE® MF75™ Filters with PES Membrane					
Capacity mL	Pore Size µm	Membr. Diam. mm	Fits Bottle Neck Size	Number Per Case	Catalog Number
PES Filter Units					
50	0.2*	50	Tube	12	564-0020
150	0.2*	50	—	12	565-0020
150	0.45	50	—	12	165-0045
250	0.2*	50	—	12	568-0020
250	0.45	50	—	12	168-0045
500	0.2*	75	—	12	566-0020
500	0.45	75	—	12	166-0045
500	0.2*	90	—	12	569-0020
500	0.45	90	—	12	169-0045
1000	0.2*	90	—	12	567-0020
1000	0.45	90	—	12	167-0045
PES Bottle Top Units					
150	0.2*	50	33	12	596-3320
150	0.45	50	33	12	296-3345
150	0.2*	50	45	12	596-4520
150	0.45	50	45	12	296-4545
500	0.2*	75	33	12	595-3320
500	0.45	75	33	12	295-3345
500	0.2*	75	45	12	595-4520
500	0.45	75	45	12	295-4545
1000	0.2*	90	33	12	597-3320
1000	0.2*	90	45	12	597-4520

*Indicates Supor® machV aPES membrane.
Supor® is a registered trademark of Pall Corporation.
TRITON X® is a registered trademark of Rohm and Haas.

References: 1. Harrison KL, et al. Embryotoxicity of micropore filters used in liquid sterilization. *J In Vitro Fert Embryo Transf.* 1990;7(6):347-350. 2. Wakeland JR, et al. Toxicity to organ cultured hearts of media prepared with disposable filter units. *In Vitro.* 1982;18(8):715-718. 3. Engel F. The effect of membrane filters on cultured cells. *J Pharm Pharmacol.* 1982;34:283-286.

NALGENE MF75 Filters with SFCA Membrane					
Capacity mL	Pore Size µm	Membr. Diam. mm	Fits Bottle- neck Size	Number Per Case	Catalog Number
SFCA Filter Units					
150	0.2	50	—	12	155-0020
150	0.45	50	—	12	155-0045
250	0.2	50	—	12	157-0020
250	0.45	50	—	12	157-0045
500	0.2	75	—	12	156-4020
500	0.45	75	—	12	156-4045
500	0.2	90	—	12	162-0020
500	0.45	90	—	12	162-0045
1000	0.2	75	—	12	158-0020
1000	0.45	75	—	12	158-0045
1000	0.2	90	—	12	161-0020
1000	0.45	90	—	12	161-0045
SFCA Bottle-Top Units					
150	0.2	50	33	12	290-3320
150	0.45	50	33	12	290-3345
150	0.2	50	45	12	290-4520
150	0.45	50	45	12	290-4545
500	0.2	75	33	12	291-3320
500	0.45	75	33	12	291-3345
500	0.2	75	45	12	291-4520
500	0.45	75	45	12	291-4545
1000	0.2	90	33	12	292-3320
1000	0.2	90	45	12	292-4520

NALGENE MF75 Receivers		
Capacity mL	Number Per Case	Catalog Number
150	24	455-0150
250	24	455-0250
500	12	455-0500
1000	12	455-1000

NALGENE MF75 Filters with NYL Membrane				
Capacity mL	Pore Size µm	Membr. Diam. mm	Number Per Case	Catalog Number
NYL Filter Units				
150	0.2	50	12	150-0020
150	0.45	50	12	150-0045
250	0.2	50	12	153-0020
250	0.45	50	12	153-0045
500	0.2	75	12	151-4020
500	0.45	75	12	151-4045
500	0.2	90	12	163-0020
1000	0.2	90	12	164-0020
1000	0.2	75	12	154-0020
1000	0.45	75	12	154-0045

NALGENE MF75 Filters with CN Membrane				
Capacity mL	Pore Size µm	Membr. Diam. mm	Number Per Case	Catalog Number
CN Filter Units				
150	0.2	50	12	125-0020
150	0.45	50	12	125-0045
150	0.8	50	12	125-0080
250	0.2	50	12	126-0020
250	0.45	50	12	126-0045
250	0.8	50	12	126-0080
500	0.2	75	12	450-0020
500	0.45	75	12	450-0045
500	0.8	75	12	450-0080
1000	0.2	75	12	127-0020
1000	0.45	75	12	127-0045
1000	0.8	75	12	127-0080

NALGENE®

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NALGENE®

MF75™ Filtration products



- Great Performance
- NALGENE® Certified
- Ergonomic Design

NEW

50mL PES Filter



NALGENE 50 mL conical tube filter unit with the Pall Supor® machV PES membrane offers fast flow rate and low protein binding.

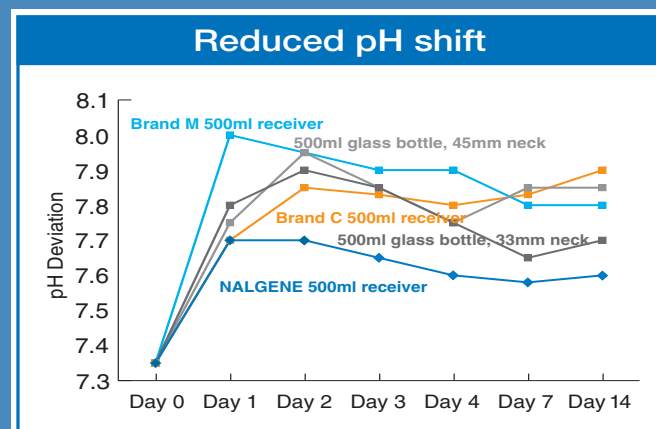
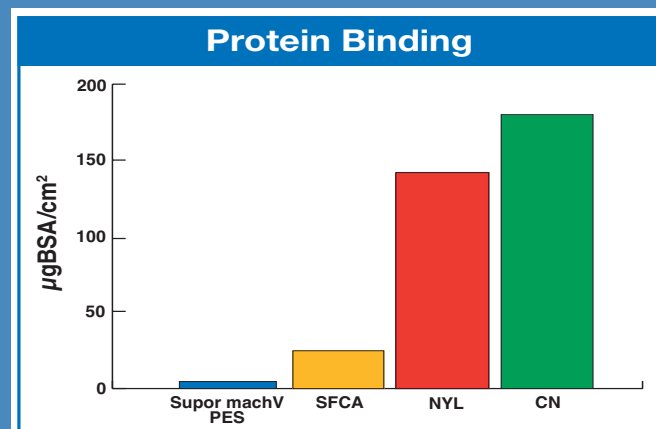
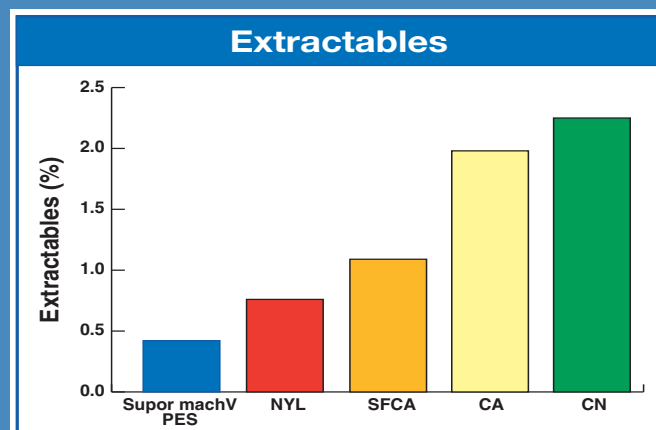
The NALGENE 50mL Conical Tube Filter Unit with Pall Supor machV PES membrane is the optimal choice for small volume tissue culture work. Perfect for fast, clean, convenient filtration of 20-50 mL of media or buffers.

Features:

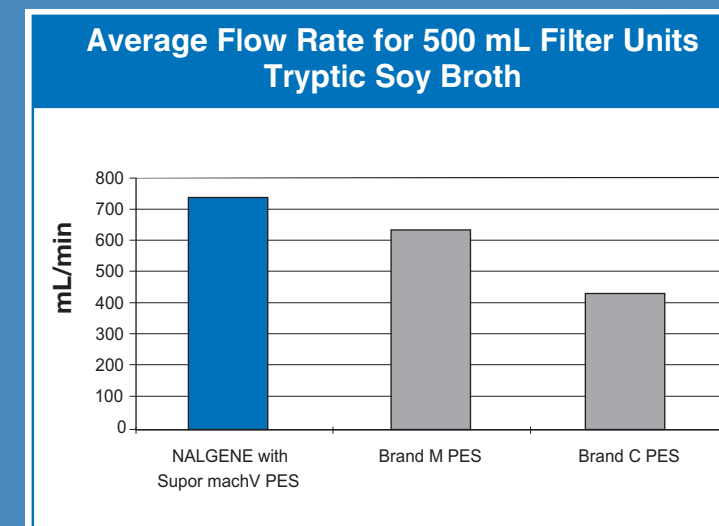
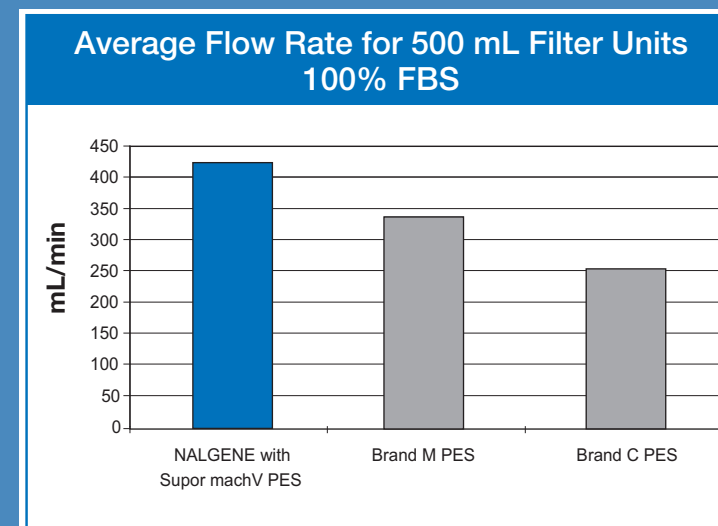
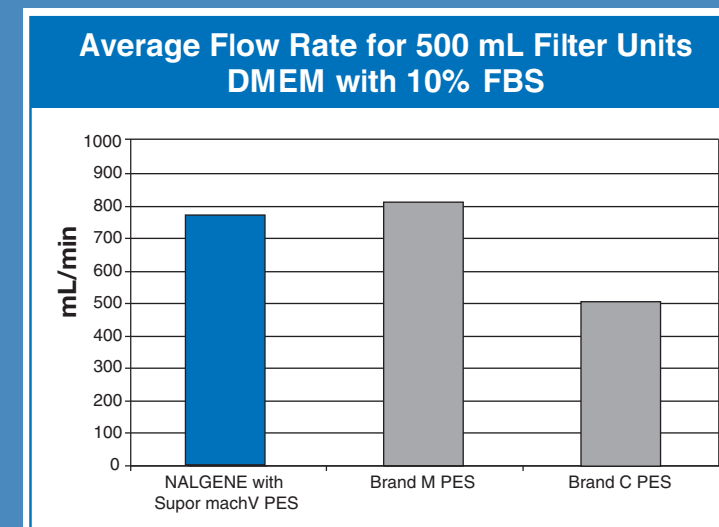
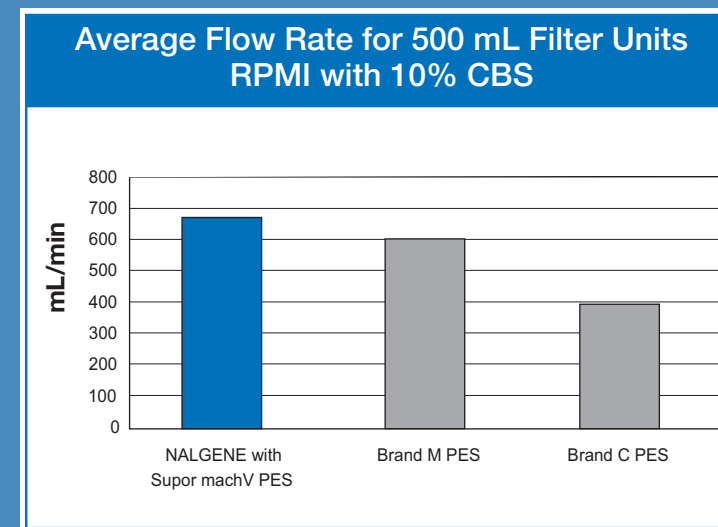
- NALGENE Certified®
- Our *FASTEST* Flow Rate membrane
- Low Protein Binding
- Non-Cytotoxic
- Non-Pyrogenic
- Radiation Sterilized to 10^{-4} SAL
- Unit comes assembled with Sterile Closure
- 2 reuseable stands in each case

NALGENE® MF75™ Filtration products

Performance



NALGENE PES is Faster!



Easy to use shape

- Filter unit receivers have an ergonomic design
- Tapered sides and "grips" make the filter units and receivers easy to handle
- Wide base improves stability on the bench top



Convenient lot identification

- Lot number, catalog number, membrane type, pore size and expiration date are printed on the upper of all units and bottle top filters for easier identification and lot traceability
- Color-coded filter collars tell you at a glance what membrane type you have:
Blue=PES, Yellow=SFCA
Green=CN, Red=NYL



Great performance

- Wide membranes mean faster flow
- 75mm diameter membranes in all 500 mL and 1 liter sizes
- For difficult to filter solutions, we have filters with even larger 90mm diameter membranes



NALGENE Certified

- Every lot of MF75 filter units, bottle tops and receivers is NALGENE Certified. Each case contains documentation that the product is sterile by radiation, non-pyrogenic, non-cytotoxic and has passed strict performance integrity tests. We guarantee it!