



Nalgene Analytical Filters & Accessories

Ensuring reliable and repeatable microbiological quality control testing

Single-use Analytical Filterware - ready when you are

Precise, easy-to-use systems for the recovery of microorganisms or particulates in QC testing and research

Thermo Scientific™ Nalgene™ Analytical Filterware is easy-to-use with pre-assembled sterile filter units and funnels.

Options include:

- Easy-to-remove triton-free cellulose nitrate (CN) membranes
- The 0.2 µm CN membrane is suitable for sterility testing
- 0.45 µm CN gridded membrane is certified for water quality testing



Nalgene Analytical Test Filter Units, sterile

Low cost filter funnels feature white or gray CN membrane. Gray membrane turns black when wet. Upper separates easily from lower for convenient access to membrane. Adapter allows use with No.8 stopper (Cat.No.DS0396-0080)

with filtering flask or manifold. 50 funnels and 6 adapters per case. 100 mL or 250 mL volume.

Nalgene Analytical Test Filter Funnels, 100mL and 250mL, sterile

Membrane Color	Gridded	Capacity (mL)	Membrane Diameter (mm)	Pore Size (µm)	Cat. No.
White	No	100	47	0.20	145-0020
White	Yes	100	47	0.45	145-0045
White	No	250	47	0.20	145-2020
White	Yes	250	47	0.45	145-2045
Black/Gray	Yes	100	47	0.45	147-0045
Black/Gray	Yes	250	47	0.45	147-2045



Nalgene Analytical Filter Units, sterile

Filter units have a wide polystyrene base for added stability on the bench. 150 mL capacity of units and funnels is ideal for beverage samples that may foam. Twist-off upper chamber provides easy access to 47 mm diameter

membrane. Upper and lower chambers are graduated for quick volume checks. Easy-to-open bags. 72 units per case.

Nalgene Analytical Test Filter Funnels, 150mL, sterile

Membrane Color	Gridded	Capacity (mL)	Membrane Diameter (mm)	Pore Size (µm)	Cat. No.
White	Yes	150	47	0.45	130-4045
White	No	150	47	0.2	130-4020



Analytical Filter Funnels, Sterile, 150 mL

For use with filter flasks or manifolds. 150 mL graduated chamber.

Accommodates larger volumes as long as membrane continues to flow. Convenient snap away design with removable membrane. Each pack

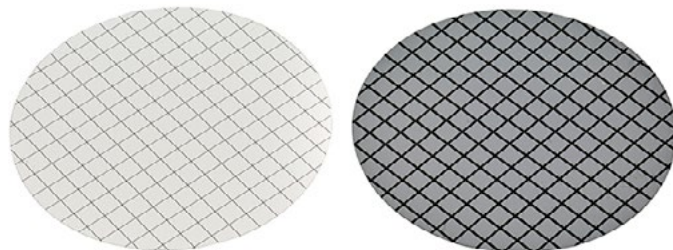
of 12 filters contains 1 vacuum gasket (DS0395-0708) to replace a stopper. 72 funnels per case.

Nalgene Analytical Test Vacuum Filter Units, 150 mL graduated chamber, sterile

Membrane Color	Gridded	Capacity (mL)	Membrane Diameter (mm)	Pore Size (µm)	Cat. No.
White	No	150	47	0.2	140-4020
White	Yes	150	47	0.45	140-4045

Filter membranes and prefilter disks

Engineered to deliver best-in-class performance for microbiological monitoring and testing applications



Nalgene Cellulose Nitrate Filters, sterile

Sterile, economical cellulose nitrate (CN) membrane contains no extractables that will inhibit or stimulate growth of bacteria, and does not affect pH of the medium. Meets EPA and APHA standards for water quality work. 47 mm diameter, 0.45 µm pore size, with grids. Individually wrapped, 100 units per case.

Nalgene Membrane Filters, non-sterile, CA

Filter of choice for cold sterilization of proteinaceous solutions. Low adsorption of proteins from serum or culture media so filtration is more efficient. Cellulose acetate (CA) has excellent thermal properties and is autoclavable to 125°C (must be wet when autoclaved). Has superior chemical resistance to alcohol and oil; can even be used in short-term contact with methyl ethyl ketone. Suited for liquid scintillation studies. Can be cleared for direct observation using paraffin or almond oil. 100 units per case.

Nalgene Membrane Filters

Membrane Material	Sterility	Color	Membrane Diameter (mm)	Pore Size (µm)	Pack Size (membranes)	Cat. No.
Cellulose Nitrate	Sterile	White	47	0.45	100	DS0205-4045
Cellulose Nitrate	Sterile	Black	47	0.45	100	DS0205-6045
Cellulose Acetate	Non-sterile	White	47	0.20	100	DS0210-4020
Cellulose Acetate	Non-sterile	White	47	0.45	100	DS0210-4045
Nylon	Non-sterile	White	47	0.20	100	DS0215-4020
Nylon	Non-sterile	White	47	0.45	100	DS0215-4045



Nalgene Glass-Fiber Prefilters, non-sterile glass-fiber

Thin, non-sterile. Available in three sizes for use with 50, 75 and 90 mm diameter membrane filters. Use with Nalgene disposable filter units. 100 units per case.

Nalgene Glass Fiber Prefilters

Diameter (mm)	Cat. No.
50	DS0281-5000
75	DS0281-7500
90	DS0281-9000

Nalgene Nylon Membrane Filter, non-sterile

Material of choice of both aqueous and organic solvent filtrations where reduced contamination is important. Inherently hydrophilic; extremely low level of extractables; contain no wetting agent. Less brittle and easier to handle than cellulose. Useful for sterilization and clarification of buffers and culture media. Ideal for use with HPLC solvents and ultracleaning solutions for electronics laboratories. 100 units per case.

Reusable filter holders and funnels

Reduce waste when you replace metal and breakable glass components with Nalgene reusable filterware

Nalgene reusable filterware is made from durable, transparent and autoclavable polysulfone.

Features include:

- Suited for use in sterilization or analysis – filter holders come with sterilization and analytical membrane support plates
- Versatile – designed to be used with vacuum or pressure
- Graduated chambers allow for easy reference



Nalgene Filter Holders with Receiver

Upper chambers and receivers are graduated. Includes two membrane support plates: a clear, one-piece plate for sterilization and a two-piece white plate for analysis. Accepts 47 or 50 mm diameter membranes. Two side-arms allow connection to vacuum line. Tubing adapters accept 1/4- to 5/16-inch (6 to 8 mm) I.D. vacuum tubing. 4 units per case.

Nalgene Filter Holders with Receiver

Upper Capacity (mL)	Lower Capacity (mL)	Cat. No.
250	250	300-4000
500	500	300-4050
500	1000	300-4100



Nalgene Filter Holders with Funnel

For use with any filtering flask or vacuum manifold that accepts a rubber stopper with hole. Comes with easy-to-use, no-twist vacuum gasket; sterilization and analysis support plates. Accepts 47 or 50 mm diameter membranes. 1 unit per case.

Nalgene Filter Holders with Funnel

Funnel Capacity (mL)	Cat. No.
250	DS0310-4000
500	DS0310-4050



Nalgene Reusable Bottle Top Filters

Convenient, economical bottle top filters screw securely onto glass or plastic media bottles with 33 mm or 45 mm neck sizes. Removable sterilization membrane support plate provides maximum flow rate and throughput. Accepts 47 or 50 mm diameter membranes. Vacuum port on lower half of assembly. Molded-in graduations. 1 unit per case.

Nalgene Reusable Bottle Top Filter Holders

Upper Capacity (mL)	Bottle Neck Size (mm)	Cat. No.
250	45	DS0320-2545
500	33	DS0320-5033
500	45	DS0320-5045

Hardware and accessories



Nalgene Vacuum Manifold

Stainless steel manifold features three vacuum outlets, leakproof two-way valves and vent port. Barbed fitting accepts 3/8 in. (9.5 mm) I.D. tubing. Use with Nalgene filter funnel with clamp or analytical test filter funnels. 1 per case.

Nalgene Filter Forceps

Durable stainless steel forceps are available in bent-tip and straight-tip designs. Bent-tip design cross-action holds membrane without constant pressure, minimizes damage. 1 unit per case.

Nalgene Filter Funnel Adapter, non-sterile

Polypropylene funnel adapter for use with Cat. No. 145- and 147- series filters, packed 25 per case.

Nalgene Vacuum Gasket, non-sterile thermoplastic elastomer

Use with any filtering flask that requires a No. 7 or No. 8 stopper. Slides quickly and easily in and out of gasket without jamming. 6 per case.

Nalgene Analytical Filtration Accessories

Accessory	Description	Unit/Case	Cat. No.
Nalgene Vacuum Manifold	For use with Nalgene Filter Funnel with Clamp or Nalgene Analytical Test Filter	1	DS0345-0001
Nalgne Filter Funnel Adapter	Non-sterile, for use with Cat. No. 145- and 147- series filters	25	DS0397-0010
Nalgene Filter Forceps	Stainless steel, bent tip	1	DS0399-0001
Nalgene Filter Forceps	Stainless steel, straight tip	1	DS0399-0002
Nalgene Vacuum Gasket	Non-sterile, for use with any hardware that requires a No. 7 or No. 8 stopper	6	DS0395-0708
Nalgene #8 Stoppers	Rubber stopper, #8, fits vacuum manifolds or filtering flasks	3	DS0396-0080

Find out more at thermofisher.com/filtration