

Warranty

Nalgene filter funnels with clamp are guaranteed for one year from date of receipt by the purchaser.

If filter funnels are purchased in the U.S. or Canada:

Thermo Fisher Scientific will repair or replace, F.O.B. Rochester, New York, any product found upon our inspection to be defective in workmanship or material, or at its opinion, refund the purchase price, provided the product is returned, freight prepaid, to us with prior written approval.

Thermo Fisher Scientific's liability with respect to the products is expressly limited to the remedies set forth above, such remedies are exclusive, and Thermo Fisher Scientific shall under no circumstances be liable for incidental or consequential damages.

We warrant that the products are free of defects in material and workmanship and are merchantable within the meaning of the Uniform Commercial Code.

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If filter funnels are purchased outside the U.S. or Canada:

Thermo Fisher Scientific will repair or replace any product found, upon inspection to be defective in workmanship or material, provided the product is returned to an Authorized Nalgene Labware Dealer.

This product is sold with no other warranty.

Replacement Parts Kit

71-0315-0001 Upper reservoir with gasket
71-0315-0002 Lower stem with support plate
71-0315-0003 Cover with TPE caps
71-0315-0004 Gasket

Related Products

The following Nalgene products are recommended for use with Nalgene filter funnel with clamp:

Vacuum Manifold, Cat. No. DS0345-0001

Membrane Filters and Prefilters, Cat. Nos. DS0200, DS0205, DS0210, DS0215, DS0281

Filter Forceps, Cat. No. DS0399-0001 and DS0399-0002

Filtering Flasks, Cat. No. DS4101

Safety Shields, Cat. No. DS6530

Face Shield, Cat. No. 6355-0001

Vacuum Tubing, Cat. No. 8007

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Japan: +81 3 3816 3355 Other Asian countries: 65 68729717

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Denmark: +45 4631 2000; France: +33 2 2803 2180;
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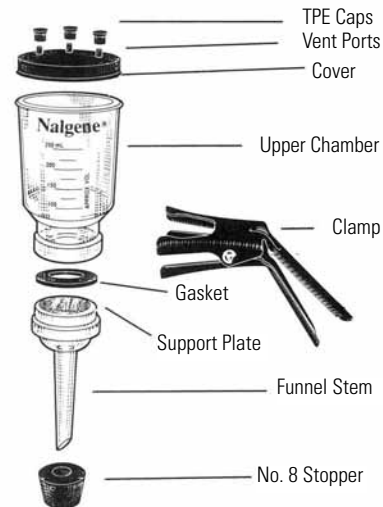
Instructions for Thermo Scientific Nalgene Filter Funnel with Clamp

Cat. No. DS0315-0047

Description

This Nalgene® filter funnel with clamp, Cat. No. DS0315-0047 is designed for membrane filtration of liquids under full vacuum. The filter funnel is suitable for applications requiring:

- Cold sterilization or clarification
- Analysis of particulates or biological contaminants trapped on the surface of membrane filter



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this document may be incorrect.

The major components are made of a special clear polysulfone (PSF). This extremely durable, transparent plastic has good chemical resistance. (For chemical resistance data, consult the current Nalgene Labware Catalog or contact Technical Service.)

In addition, PSF is non-toxic and can be repeatedly autoclaved without harm to the components. It exhibits low protein binding.

Nalgene filterware is for laboratory use only, not for *in vitro* diagnosis or parenterals.

IMPORTANT!

The chemical resistance of the filter funnel housing may differ from that of the membrane. Refer to chemical resistance data in the current Nalgene Labware Catalog.

The Nalgene filter funnel with clamp accommodates a 47 mm or 50 mm membrane filter. The funnel may be used with any filtering flask or filter manifold which accepts a No. 8 rubber stopper (14.3 mm/9/16 in. hole). (A Nalgene vacuum gasket Cat. No. DS0395-0708 can replace the No. 8 stopper.)

Vacuum Filtration

Note: For sterile filtration, please refer first to the “Sterilization” section

1. Remove upper chamber and place a 47 mm membrane on the support plate.
2. Replace upper chamber and clamp the filter funnel together.
3. To minimize wrinkling of the membrane, apply the vacuum a few seconds before adding the sample.

CAUTION

Vacuum should be applied slowly to avoid tearing the membrane or accidentally tipping the holder.

4. Pour the sample into the upper chamber, or inject it by needle through one of the cover port caps.

5. Provide proper venting during filtration by doing *one* of the following:

- Remove from port on upper chamber cover, **or**
- Remove the upper chamber cover, **or**
- Attach a hydrophobic vent filter (such as Cat. No. 199-2045) to one port for aseptic venting

Note: Cover ports accommodate the appropriate syringe filters for sterile air venting, as well as 5 mm and 6 mm I.D. (3/16 in. and 1/4 in.) tubing for flushing procedures, such as rinsing during sterility testing.

Disassembly

1. Pinch clamp handle together and remove clamp from the flange.
2. Remove the upper chamber from the lower funnel stem.
3. Carefully remove membrane filter with smooth-tip forceps. Use sterile forceps if aseptic technique is required. If the membrane will be used for analysis, ensure that the forceps hold the edge of the membrane **outside the filtration area.**

Cleaning

1. Disassemble the holder completely. Remove gasket and caps.
2. Soak all parts in a hot, mild detergent solution. Do not use

abrasive cleansers. If necessary, use a soft bristle brush or sponge to remove difficult residues. A pipe cleaner may be used to clean the inside of cover ports.

3. Rinse all parts thoroughly. Final rinse should be done with distilled water.

4. Air dry.

5. Store in a clean, dry place.

Sterilization

The funnel can be sterilized with or without the membrane filter in place by autoclaving, gas or chemical disinfectant.

Autoclaving:

- Clean and rinse all parts thoroughly
- Close all cover ports with TPE caps
- Wrap all parts according to your usual procedure
- Autoclave for 20 minutes at 121°C/15 psig (1.034 bar)
- After unit has cooled, store in a clean, dry place

For more information, contact Technical Service at technical.nalgene@thermofisher.com or visit www.nalgenelabware.com for more information.