



47 mm Filter Funnel, Stainless Steel



- Designed for vacuum filtration to collect biological or particulate matter from liquids.
- Quick, easy assembly. Weight seals funnel to base.
- Stainless steel construction offers excellent chemical resistance.

Ordering Information

Prod. No.	Description	Packaging
4221	47 mm filter funnel, stainless steel	1/pkg

Specifications

Materials of Construction

Type 316 stainless steel

Effective Filtration Area

9.6 cm²

Dimensions

Overall Length: 16.2 cm (6.4 in.)

Diameter: 5.7 cm (2.2 in.)

Funnel Capacity

100 mL with 50 mL calibration

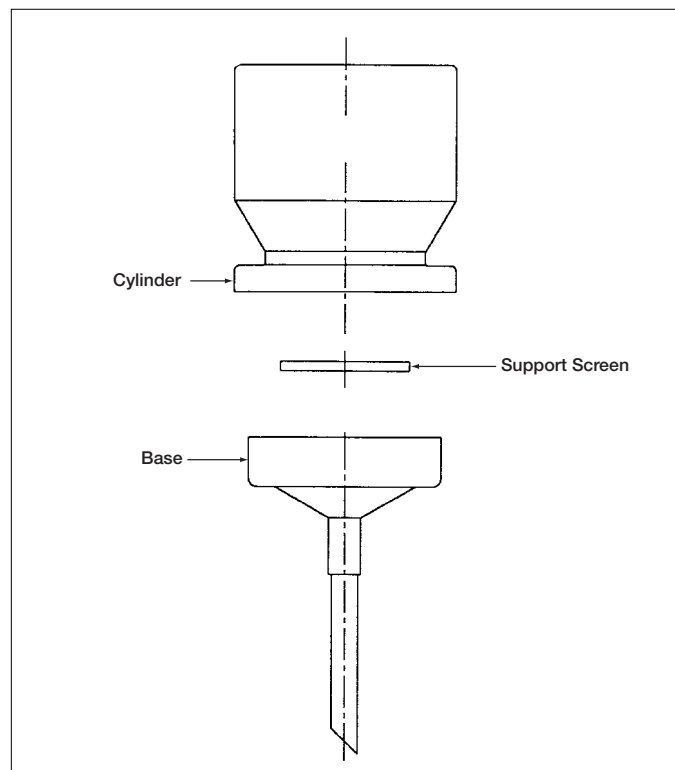
Maximum Operating Temperature

Limited by membrane filter type

Sterilization

Provided non-sterile; autoclavable if desired 121 - 123 °C (250 - 253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15 to 20 minutes.

Instructions for Use



Effective bacteriological testing requires completely clean and sterilized equipment. The Stainless Steel Filter Funnel is unique in that it can be either autoclaved or flame sterilized. Flame sterilization is achieved by dipping sections of the funnel in alcohol and holding them over a flame. Caution must be used when using the flame sterilization method.

1. Aseptically place the Stainless Steel Filter Funnel on a sterile filter flask, fitting the stopper snugly in position.
2. Aseptically center a sterile 47 or 50 mm membrane filter on the support screen at the top of the funnel stem.
3. Aseptically place the funnel barrel on the funnel stem. The weight of the funnel barrel on the membrane filter creates an effective seal.

Cleaning/Autoclaving Instructions

Do not use hydrochloric acid with any stainless steel apparatus.

1. To clean the filter funnel, disassemble the unit into component parts and clean with a non-abrasive cleanser.
2. Rinse thoroughly with deionized water.
3. Allow to air dry.
4. If autoclaving is required, reassemble the unit loosely with or without the membrane filter in place.
5. Wrap the assembled filter funnel in autoclave paper.
6. Autoclave at a maximum of 121 - 123 °C (250 - 253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15 - 20 minutes. The maximum autoclave temperature may be limited by the membrane type. Please refer to the membrane specifications for complete information.
7. Avoid using steam containing amines. It may cause the membrane filter to become brittle and/or contaminate the product or solution being filtered.

**Replacement Parts**

Prod. No.	Description	Packaging
81312	Support screen, type 316 stainless steel	1/pkg

WARNING

Pall Life Sciences does not recommend use of this product with Volatile Liquids/High Purity Fuels as EXPLOSION may result from static discharge! Employment of the products in applications not specified, or failure to follow all instructions contained in this product information insert, may result in improper functioning of the product, personal injury, or damage to property or the product. See Statement of Warranty in our most recent catalog.

ATTENTION

Pall Life Sciences déconseille l'utilisation de ce produit avec les liquides volatils/combustibles extra purs à cause des risques d'EXPLOSION que peut provoquer une décharge d'électricité statique !

L'utilisation de nos produits dans des applications pour lesquelles ils ne sont pas spécifiés ou le non-respect du mode d'emploi qui figure sur ce document, peut entraîner un dysfonctionnement du produit, endommager le produit ou d'autres biens matériels ou représenter un risque pour l'utilisateur. Se référer à la clause de garantie de notre catalogue le plus récent.

ACHTUNG

Pall Life Sciences rät von der Verwendung dieses Produktes mit flüchtigen Lösungsmitteln und hochreinen Kraftstoffen ab. Durch statische Entladung besteht EXPLOSIONSGEFAHR!

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ADVERTENCIA

¡ Pall Life Sciences no recomienda el uso de este producto con líquidos volátiles/combustibles de gran pureza debido a que podría haber una EXPLOSION causada por la descarga de electricidad estática!

El uso de este producto en aplicaciones no especificadas o el no considerar las instrucciones indicadas en la hoja de información del producto puede ocasionar un mal funcionamiento del producto, daños en las instalaciones o en el producto y riesgo para el personal del laboratorio. Consulte el apartado de Garantía en nuestro último catálogo.

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L'impiego dei prodotti in applicazioni non specificate, o il mancato rispetto di tutte le istruzioni contenute nel presente bollettino tecnico, potrebbero portare ad un utilizzo improprio del prodotto, ferire gli operatori, o danneggiare le caratteristiche del prodotto stesso. Consultare la dichiarazione di garanzia pubblicata nel nostro più recente catalogo.

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