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AP4004700 • Millipore.

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Glass Fiber Membrane Filter, 0.7 µm Pore Size

Millipore, filter diam. 47 mm, hydrophilic, thickness 475 µm

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Synonym(s):

Glass Fiber Filter without binder, Glass Fiber membrane filter, Glass Fiber membrane filter discs, Hydrophilic Glass Fiber membrane filter

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100 filters	AP4004700	Check Cart for Availability	\$85.60

About This Item

UNSPSC Code:	40161507
NACRES:	NB.24
eCl@ss:	32031602
Pore size:	0.7 µm pore size
Material:	glass fiber membrane, plain filter, white filter
Feature:	hydrophilic
Diam.:	47 mm
Sterility:	non-sterile

AP4004700 ⓘ
\$85.60

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Don't forget a filter holder. Find the right filter.

1

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Recommended Products

Millipore
AP4004705
Glass Fiber
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Millipore
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Glass Fiber
Membrane Filter,...

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Millipore
APFA04700
Glass Fiber
Membrane Filter,...

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Properties

Quality Segment	200
material	glass fiber membrane, plain filter, white filter
agency	suitable for EPA 1633, suitable for EPA OTM-45, suitable for ISO 21675 2019
description	0.7 µm pore size, hydrophilic glass fiber, 47 mm diameter
sterility	non-sterile
feature	hydrophilic
manufacturer/tradename	Millipore
parameter	>300 mL/min-cm ² water flow rate (at 27 in Hg), 550 °C max. temp.

Description

General description

Filter Code: AP40

Filter Type: Depth filter

Need a custom membrane filter? Click here to request a custom membrane filter or unique and large package sizes that may not be available via our website.

Overview

Millipore fibrous disc filters are available in a wide range of flow rates and throughput capacities. Our Glass Fiber filters are available with or without binder resins and can be sterilized by EO, gamma, or autoclave (121 °C at 1 bar).

Glass Fiber Filters with Binder Resin:

Millipore filters with binder resin have superior wet strength and are excellent for qualitative analysis and prefiltration, especially for heavily contaminated liquids. They are also widely used for clarification of aqueous solutions.

Type AP15

- Lowest dirt-holding capacity
- Recommended prefilter for 0.2 to 0.6 µm filters

Type AP20

- Lower retention, higher dirt-holding capacity than AP15 filters



diam.	47 mm
filter diam.	47 mm
thickness	475 µm
pore size	0.7 µm pore size
application(s)	PFAS testing
shipped in	ambient

- Recommended prefilter for 0.8 to 8.0 µm filters
- Use upstream to protect type AP15 filters

Type AP25

- Added thickness yields same retention and greater dirt-holding capacity as AP20
- Recommended prefilter for 0.9 to 8 µm filters, especially for proteinaceous and heavily contaminated liquids
- Use upstream to protect type AP15 filters

Glass Fiber Filters without Binder Resin:

The filters without binder resin retain their structural integrity without weight loss when heated up to 500 °C and can therefore be used in gravimetric analysis as well as for the filtration of hot gases.

Type APFA

- Retains fine particles with good efficiency, even at high flow rates
- Recommended for monitoring wastewater and collecting suspended particles in gases (e.g., fumes from chimneys)
- Use in biochemical applications (e.g., collection of cells and filtration of protein or nucleic acid precipitates)

Type APFB

- Higher mechanical strength when wet and greater loading capacity than type APFA filters
- Use for liquid clarification, quantification of solids in suspensions of fine particles, and scintillation counting

Type APFC

- Greater retention, especially for fine particulate and microorganism removal than type APFA filters
- Use for determining total suspended solids in drinking water
- Use for filtering proteins or nucleic acid TCA precipitates and for collecting cells and microorganisms

Type APFD

- Thick filter with high flow and low retention
- Use for clarifying suspensions containing particulates greater than 1.0 µm

Type APFF

- Use for filtering extremely fine precipitates such as protein, nucleic acids, or serum precipitates
- Recommended for USEPA method 1311 for TCLP analysis

Type AP40

- Recommended for Standard Methods Total Suspended Solids 2540D
- Recommended for USEPA method 1311 for TCLP analysis
- Maintains structural integrity without weight loss when ignited to 550 °C (1022 °F) after sample filtration
- Recommended for determining volatile suspended matter in wastewater and industrial effluents

Application

- Total Suspended Solids 2540D
- EPA method 1311 for TCLP analysis
- Determining volatile suspended matter in wastewater and industrial effluents
- Stack Testing for PFAS via OTM-45

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AP4004700
Glass Fiber
Membrane Filter, 0...

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pore size
0.7 µm pore size

parameter
>300 mL/min-cm² water flow rate (at 27 in Hg), 550 °C max. temp.

manufacturer/tradename
Millipore

material
glass fiber membrane, white filter, plain filter



Millipore
AP4004705
Glass Fiber
Membrane Filter, 0...

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pore size
0.7 µm pore size, 90 % porosity

parameter
>300 mL/min-cm² water flow rate (at 27 in Hg), 550 °C max. temp.

manufacturer/tradename
Millipore

material
glass fiber membrane, plain filter, white filter



Millipore
AP4007000
Glass Fiber
Membrane Filter, 0...

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pore size
0.7 µm pore size

parameter
>300 mL/min-cm² water flow rate (at 27 in Hg), 550 °C max. temp.

manufacturer/tradename
Millipore

material
glass fiber membrane, plain filter, white filter



Millipore
AP4002500
Glass Fiber
Membrane Filter, 0...

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pore size
0.7 µm pore size

parameter
>300 mL/min-cm² water flow rate (at 27 in Hg), 550 °C max. temp.

manufacturer/tradename
Millipore

material
glass fiber membrane, plain filter, white filter

This Item
sterility
non-sterile

feature
hydrophilic

sterility
non-sterile

feature
hydrophilic

sterility
non-sterile

feature
hydrophilic

sterility
non-sterile

feature
hydrophilic

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Safety Information

Storage Class

11 - Combustible Solids

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AP4004700

Lot/Batch Number

e.g. 023J5431

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[Analysis of PFAS Extractables in Glass Fiber Membrane Filters After OTM-45 Front-Half Extraction](#)

Data and recommended filtration products for OTM-45 Method for Air Monitoring of PFAS Compounds.

[Análisis de PFAS extraíbles en membranas filtrantes de fibra de vidrio después de la extracción de la mitad delantera según el método OTM-45](#)

Datos y productos de filtración recomendados según el método OTM-45 para el control de compuestos PFAS en el aire.

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47 mm, Glass frit membrane support, 300 mL funnel

XX1014744 [Millipore Vacuum Filtering Side-Arm Flask](#) 4L, Threaded side-arm

XX1014700 [Millipore Classic Glass Filter Holder - Kit](#)

47 mm, Glass frit membrane support, 300 mL funnel

WP6111560 [Chemical Duty Pump, 115 V/60 Hz](#)

XX1014702 [Millipore Glass Base and Stopper for Vacuum Filtration](#)

47 mm, Glass frit membrane support

SX0004700 [Swinnex Filter Holder](#) Swinnex Filter Holder, 47mm

XX7100004 [Tubing, 3/16 in. ID x 140 cm, silicone](#)

XX6200006P [Filter forceps, blunt end, stainless steel](#)

MCFLX4710 [MILLICUP-FLEX, 47 mm Disposable Filtration Unit](#)

250 mL, Solvent-Resistant, GL45 Connection, Single-Use, Nonsterile

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Global Trade Item Number

SKU

GTIN

AP4004700

04053252514210

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