

Whatman™ GD/X sterile PVDF syringe filters

Sterile syringe filters with PVDF membrane and prefilter designed to support filtration of viscous, hard-to-filter samples with high solids content. Biobased plastic housing.

Overview

The Whatman™ GD/X sterile, Polyvinylidene Difluoride (PVDF) membrane syringe filters are designed to enable the filtration of viscous, hard-to-filter samples greater than 10 mL. Each unit contains a prefiltration stack of Whatman multigrade glass microfiber (GMF) and Glass fiber (GF/F) filters. The combination of this pre-filtration stack and filter housing design enables you to filter highly particular loaded samples.

- Reduces need for multiple syringe filters by processing three to seven times more sample volume than syringe filters without prefilters
- Female luer lock for leak-free connections
- High-efficiency Whatman GMF 150 and GF/F pre-filter media
- Eliminates or greatly reduces the need to carry out separate prefiltration step for difficult-to-filter samples

Sterile syringe filter for difficult-to-filter samples

Cytiva's GD/X sterile syringe filter is suitable for preparing viscous, dense, or otherwise hard-to-filter samples prior to a variety of analytical methods.

Polyvinylidene Difluoride (PVDF) membranes

Polyvinylidene Difluoride membrane is a suitable choice for most HPLC sample preparation applications. The membrane is hydrophilic with low water breakthrough values. It offers good chemical resistance to all common HPLC solvents, has low protein binding and negligible extractables.

ISCC+ certified Biobased polypropylene housing (25mm devices):

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- 90% Biobased plastic resin.
- Biobased plastic resin is ISCC Plus certified using Mass Balance approach.
- The polypropylene accounts for 95% of the weight/composition of the syringe filters.

Read more on the topic here.

Disclaimer

Lab filtration products are intended for professional laboratory use only and are not suitable for medical, clinical, surgical, patient protection applications, cGMP manufacturing, or production. For assistance with product selection, please contact our scientific support team.

Product specifications

Whatman™ GD/X sterile syringe filter, PVDF membrane, 0.2 µm, 25 mm (50/Pk)	
Catalog code	6900-2502
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.6 cm²
Filter media	Hydrophilic polyvinylidene fluoride (PVDF)
Housing material	Polypropylene (PP)
Inlet connector	Female luer lok
Pack size	50/Pk
Pore size	0.2 µm
Sample volume	100
Sterile	Yes
Hold-up volume	250 µL

Whatman™ GD/X sterile syringe filter, PVDF membrane, 0.45 µm, 25 mm (50/Pk)	
Catalog code	6900-2504
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.6 cm²
Filter media	Hydrophilic polyvinylidene fluoride (PVDF)
Housing material	Polypropylene (PP)
Inlet connector	Female luer lok
Pack size	50/Pk
Pore size	0.45 µm
Sample volume	100
Sterile	Yes
Hold-up volume	≤ 250 µL

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