

Whatman GD/X™ non-sterile PES syringe filters

Non-sterile PES syringe filters for serum, plasma, and tissue culture solutions, with biobased plastic options in 25 mm size.

Overview

The Whatman GD/X™ non-sterile, polyethersulfone (PES) membrane syringe filters are designed to enable the filtration of viscous, hard-to-filter samples greater than 10 mL. They combine a polypropylene housing, high-efficiency Whatman™ GMF 150 and GF/F pre-filter media, and a PES membrane.

- 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

About polyethersulfone (PES) membranes

The polyethersulfone membrane provides durability, high temperature resistance, good chemical compatibility, and low protein absorption. It is particularly suitable for filtration of serum, plasma, and tissue culture solutions as well as other protein containing solutions where minimal adsorptive protein loss is desired.

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

- 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.

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Product specifications

Whatman GD/X™ non-sterile PES syringe filter, 25mm, 0.45 µm (150/Pk)

Catalog code	6876-2504
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.6 cm²
Filter media	Hydrophilic polyethersulfone (PES)
Hold-up volume	< 250 µL
Housing material	Polypropylene (PP)
Inlet connector	Female luer lok
Pore size	0.45 µm
Pack size	150/Pk
Sample volume	< 100 mL
Sterile	No

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