

DOMINIQUE DUTSCHER SAS

Whatman™ Puradisc™ non-sterile PVDF syringe filters

PVDF Membrane Syringe Filters provide reliable, high-performance filtration for sample preparation, clarification, and analytical workflows. Select 25 mm formats are available in biobased plastic, supporting sustainability initiatives.

Overview

Whatman™ Puradisc™ non-sterile syringe filters with polyvinylidene difluoride (PVDF) membrane combine premium quality with economic efficiency.

- Choice of 4 mm, 13 mm, and 25 mm syringe filter diameter to suit sample volume
- Range of pore sizes for retaining a variety of particles
- Sterile and medical-grade blister pack options available
- Optional tube-tip format for accurate dispensing into a micro-vial

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.

Whatman™ Puradisc™ syringe filters cater to a wide variety of sample types and applications, including capillary electrophoresis, biological preparations, protein filtration, and UV spectroscopy sample preparation. Different membrane

media support diverse chemical solvents and compounds.

Polyvinylidene difluoride (PVDF) membranes

PVDF membranes are designed for high tensile strength, high solvent resistance, and low protein binding, making them suitable for biomedical filtration, sterilization filtration, and HPLC sample preparation.

Puradisc™ filters are available in the following membrane materials: regenerated cellulose (RC), cellulose nitrate, nylon, polytetrafluoroethylene (PTFE), polyethersulfone (PES), polyvinylidene difluoride (PVDF), and cellulose acetate.

Cytiva's Whatman™ Puradisc™ line is a comprehensive syringe filter portfolio used in a variety of applications.

Product specifications

Whatman™ Puradisc™ non-sterile PVDF syringe filter, 25 mm, 0.45 µm (1000/Pk)

Catalog code	6749-2504
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.2 cm²
Filter media	Polyvinylidene Difluoride (PVDF)
Hold-up volume	< 100 µL
Housing material	Polypropylene (PP)
Inlet connector	Female luer lok
Pore size	0.45 µm
Pack size	1000/Pk
Sample volume	< 100 mL
Sterile	No

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