

Whatman™ Puradisc™ non-sterile PTFE syringe filters

Non-sterile, PTFE syringe filters in a range of pore sizes and filter diameters. Biobased plastic options available in the 25 mm size.

Overview

Whatman™ Puradisc™ non-sterile syringe filters with polytetrafluoroethylene (PTFE) membrane combine premium quality with economic efficiency.

- Choice of 4 mm, 13 mm, 25 mm, and 30 mm syringe filter diameter to suit sample volume
- Range of pore sizes for retaining a variety of particles
- Optional sterile, medical-grade blister pack
- Optional tube-tip format for accurate dispensing into a micro-vial

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.

Polytetrafluoroethylene (PTFE) syringe filter options

The Whatman™ Puradisc™ PTFE syringe filter is a hydrophobic membrane that is chemically stable and inert. It exhibits low protein binding, and its main application is filtration of non-aqueous samples. Prior to filtering of aqueous samples, the membrane must be pre-wetted with a water-miscible organic solvent.

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

Cytiva also offers high-performance GD/X syringe filters with a multi-layer glass fiber prefilter for filtering larger volumes of harder-to-filter samples.

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.

Product specifications
Whatman™ Puradisc™ non-sterile PTFE syringe filter, 25 mm, 0.45 µm (50/Pk)

Catalog code	6784-2504
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.2 cm²
Filter media	Polytetrafluoroethylene (PTFE)
Hold-up volume	< 100 µL
Housing material	Polypropylene (PP)
Inlet connector	Female luer lok
Pore size	0.45 µm
Pack size	50/Pk
Sample volume	< 100 mL
Sterile	No

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