

DOMINIQUE DUTSCHER SAS

Whatman™ Puradisc™ non-sterile PES syringe filters

Non-sterile PES membrane syringe filters combine premium quality with economic efficiency. Biobased plastic options available in the 25 mm size.

Overview

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

- Choice of 25 mm, and 13 mm syringe filter diameter to suit sample volume
- Range of pore sizes for retaining a variety of particles
- Optional sterile, medical-grade blister pack

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.

Polyethersulfone (PES) membranes

Hydrophilic PES membranes are designed for stability in low pH, have low levels of extractables, and exhibit low protein binding, making them suitable for many aqueous and organic solvents. PES membranes allow higher liquid flow than either PTFE or PVDF.

Whatman™ Puradisc™ is available in the following membrane materials: regenerated cellulose (RC), cellulose nitrate, nylon, polytetrafluoroethylene (PTFE), polyethersulfone (PES), 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 PES syringe filter, 25 mm, 0.45 µm (200/Pk)

Catalog code	6781-2504
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.2 cm²
Filter media	Hydrophilic polyethersulfone (PES)
Hold-up volume	< 100 µL
Housing material	Polypropylene (PP)
Inlet connector	Female luer lok
Pore size	0.45 µm
Pack size	200/Pk
Sample volume	< 100 mL
Sterile	No

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