

Whatman™ Puradisc™ non-sterile nylon syringe filters

Non-sterile nylon 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 nylon membrane combine premium quality with economic efficiency.

- 4 mm, 13 mm, and 25 mm syringe filter diameter to suit sample volumes
- 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.

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Nylon membrane filter options

Nylon membrane filters are hydrophilic, flexible, tear-resistant, and autoclavable. They are resistant to a range of organic solvents and suitable for use with high pH samples. Nylon binds proteins, which makes it unsuitable for protein recovery applications.

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 nylon syringe filter, 25 mm filter, 0.45 µm (1000/Pk)

Catalog code	6753-2504
Biobased	Yes
Diameter	25 mm
Effective filtration area	4.2 cm²
Filter media	Nylon
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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