

DOMINIQUE DUTSCHER SAS

Whatman™ Grade GF/A glass microfiber filters, binder free

GF/A membrane provides fine particle retention, high flow rate, and good loading capacity for efficient filtration in diverse applications.

Overview

Whatman™ Grade GF/A glass microfiber filters, binder free, feature fine particle retention for a range of liquid and air filtration applications. These have a nominal particle retention of 1.6µm at 98% efficiency and are suited for a variety of applications involving large sample volumes such as:

- Water and air pollution monitoring and wastewater filtering
- Foodstuff analysis
- Filtering of algae and bacteria cultures
- Protein filtration
- Radioimmunoassay of weak β emitters
- Gravimetric determination of airborne particulates

Grade GF/A binder-free Whatman glass microfiber filters are available in a wide range of sizes in circles and sheets.

Find the right particle retention rating and thickness for your analysis in the Whatman binder-free glass microfiber range.

Looking for a filter paper, membrane filter, or syringe filter? Let Cytiva help you find the optimal filter for your needs to ensure reliable analysis.

Product specifications
Whatman™ Grade GF/A fine retention filter, 42.5 mm circle (100/Pk)

Catalog code	1820-042

Air flow rate	4.3 s/100 mL/in²
Diameter	42.5 mm
Filter media	Borosilicate glass microfibre without binder
Max. operating temperature	550 °C
Typical water flow rate	143 ml/min at 45 psi (3.1 bar)
Grade	Grade GF/A
Pack size	100/Pk
Application	Used for high-efficiency general purpose laboratory filtration, including water pollution monitoring of effluents, for filtration of water, foodstuff alyses, protein filtration, and radioimmunoassay of weak β emitters.
Binder type	Binder Free
Format	Circles
Nominal basis weight	53 g/m²
Nominal thickness	260 µm
Typical particle retention in liquid	1.6 µm

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