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

GF/A membrane offers fine particle retention and high flow rate, as well as good loading capacity

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, 8 × 10 in (100 pcs)

Catalog code	1820-866
Application	Used for high-efficiency general purpose laboratory filtration, including water pollution monitoring of effluents, for filtration of water, foodstuff analyses, protein filtration, and radioimmunoassay of weak β emitters.

Grade	Grade GF/A
Nominal air flow rate	4.3 s/100 ml/in²
Nominal thickness	260 µm
Basis Weight	53 g/m²
Nominal basis weight	53 g/m²
Max recommended temperature	550 °C
Material	Borosilicate glass
Format	Sheets
Binder type	Binder Free
Typical Particle Retention in Liquid	1.6 µm
Typical water flow rate at 45 psi (3.1 bar)	143 ml/min