

Whatman™ Grade 4 Qualitative Filter Papers

Standard grade high flow rate cellulose filter papers for fast filtration.

Overview

Whatman Grade 4 Qualitative Filter Papers are a standard grade, high flow rate filter paper. They are useful in qualitative analytical separations when fast flow is required and the collection of fine particles is not critical.

These cellulose filters are used in qualitative analytical techniques to determine and identify materials (e.g., in air pollution monitoring).

Extremely high flow rate

- **Excellent retention:** captures coarse particles and gelatinous precipitates such as ferric hydroxide and aluminum hydroxide
- **Fast filtration:** useful for routine clean-up of biological fluids or organic extracts during analysis

Grade 4 Qualitative Filter Papers (20-25 µm particle retention) are available in a variety of sizes and formats including circles, sheets, and rolls. They are also available as prepleated filters, which give improved flow rate and increased loading capacity compared to equivalent flat filters.

How well do you know your filter paper grades and why you use them? To find out, read our blog Back to Basics Part 1: A Guide to Types of Whatman Filter Paper Grades. Ready for more? Read our 6-part blog series Whatman paper filtration 101 or our complete lab filtration blog.

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.

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Product specifications
Whatman™ Grade 4 qualitative filter paper, standard, circle, 42.5 mm (100/Pk)

Catalog code	1004-042
Diameter	42.5 mm
Pack size	100/Pk
Format	Circles
Grade	Grade 4
Material	High-quality cotton linters
Basis weight	92 g/m²
Nominal thickness	210 µm
Application	Used when high flow rates in air pollution monitoring are required and the collection of fine particles is not critical.

Nominal air flow rate	4 s/100 ml/in²
Grade Type	Standard
Nomil Ash Content	0.06%

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