

DOMINIQUE DUTSCHER SAS

Whatman™ Grade 1 qualitative filter papers

Grade 1 qualitative filter papers are ideal for routine lab applications, offering medium flow rates and reliable performance.

Overview

Whatman™ Grade 1 Qualitative Filter Papers are the most widely used filter paper for routine laboratory applications, qualitative analytical separations, and clarifying liquids. They are the standard grade cellulose filter papers for medium flow rates.

- Qualitative analytical separations for precipitates such as lead sulfate, calcium oxalate (hot), and calcium carbonate
- Agricultural soil analysis and seed testing procedures
- Industrial food processing techniques to extract liquid or separate solid foodstuffs from associated liquid
- Air pollution monitoring by collecting atmospheric dust from airflow and photometrically measuring the stain-intensity
- Gas detection by quantitative chromogenesis with optical reflectance

Medium flow rate and retention for a wide range of qualitative analytical separations

Grade 1 Qualitative Filter Papers (11 µm particle retention) are available in a variety of sizes and formats including circles, sheets and prepleated filters. They are also available in FilterCup format, a convenient, 250 ml capacity disposable 70 mm filter funnel molded from polypropylene with an integral, heat-bonded filter.

Product specifications

Whatman™ Grade 1 qualitative filter paper, standard, circle, 42.5 mm (100/Pk)

Catalog code	1001-042
Diameter	42.5 mm
Pack size	100/Pk
Format	Circles
Grade	Grade 1
Material	High-quality cotton linters
Basis weight	87 g/m²
Nominal thickness	180 µm
Application	Used filter paper for routine applications with medium retention and flow rate. ; Covers a wide range of laboratory applications and is frequently used for clarifying liquids.
Nominal air flow rate	13 s/100 ml/in²
Grade Type	Standard
Nomil Ash Content	0.06%

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