

## Whatman filter paper n.42 ashless - flat discs diam. 125 mm

### grade 42:2.5 um

Whatman quantitative filters are designed for gravimetric analyzes and for the preparation of samples for instrumental analyzes.

They are available in three versions to meet all specific needs:

- Ash-free (max content 0.007%)

degree 40-41-42-43-44-589 / 1-589 / 2-589 / 3

- Hardened with low ash content (max 0.015%)

Grade 50-52-54

- Hardened without ash (max 0.006%)

Grade 540-541-542



### Grade 42: 2.5 µm

A world standard for critical gravimetric analysis, with the highest retention capacity of all Whatman cellulose filter papers.

Typical analytical precipitates include barium sulfate, metastannic acid and finely precipitated calcium carbonate.

### Technical features

Nominal retention of particles in liquids (at 98% efficiency)	2.5 µm
Nominal thickness	200 µm
Typical water flow	5 ml / min
Nominal base weight	100 g / m <sup>2</sup>
Nominal air flow	96 s / 100 ml / in (for 9 cm diameter)
Nominal ash content	0.07%
(determined by incinerating the filter at 900 ° C in the air)	
Material	High quality cotton linters
Typical levels of trace elements	Aluminum 2,5 µg / g Antimony <0,5 µg / g Arsenic <0,5 µg / g Barium <0,5 µg / g Boron
Format	Discs
Pieces per pack	100 pieces

Code	Description
481442125	Whatman filter paper n.42 ashless - flat discs diam. 125 mm