

## Whatman filter paper n.595 1-2 - folded discs diam. 270 mm

### grade 595:4-7 a

Pleated filter paper has major advantages over flat round filters:

- time savings required to fold round filters into squares to fit the cone of filter funnels in repetitive or multiple analyzes
- reduction of the overall filtration time thanks to the larger filtering surface; the normal slowing down of the filtration speed due to particle loading is delayed
- increase of the total load capacity thanks to the greater filtering surface
- maintenance of the filtration speed due to the reduced contact of the filter paper with the wall of the funnel and, of course, due to the self-standing shape of the filter itself
- pleating does not significantly affect any technical data and the same data as for round filters are valid



Grade 595: 4-7 µm

Thin, very common, semi-fast to fast filter paper with medium to fine particle retention.

Used for many routine analytical applications in various industries, for example, for the separation of particles from food extracts for sample preparation or filtration of solid environmental samples (eg for ICP / AAS analysis).

### Technical features

Degree	Grade 595½
Nominal retention of particles in liquids (at 98% efficiency)	4-7 µm
Nominal thickness	150 µm
Filtration rate (Herzberg)	80 s
Nominal base weight	68 g / m <sup>2</sup>
Material	Cellulose
Applications	Routine analytics, for example, for separating particles from food extracts for sample preparation or filtration of solid environmental samples (e.g. for ICP / AAS analysis).
Format	Discs
Pieces per pack	100 pieces

<b>Code</b>	<b>Description</b>
48311652	Whatman filter paper n.595 1-2 - folded discs diam. 270 mm