

Whatman filter paper n.2V - folded discs diam. 500 mm

grade 2V: 8 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 2V: 8 μm

These filter discs are widely used in general filtration.

Excellent retention capacity as well as good filtration speed and load capacity.

Herzberg filtration rate of 240 s

Technical features

Degree	Grade 2V
Nominal retention of particles in liquids (at 98% efficiency)	8 μm
Nominal thickness	190 μm
Typical water flow	38 ml / min
Nominal base weight	97 g / m ²
Nominal air flow	20 s / 100 ml / in (for 9 cm diameter)
Nominal ash content	0.06%
(determined by incineration of the filter at 900 ° C in the air)	
Material	Cellulose
Typical track element layers	Aluminum 3.6 μg / g Antimony <0.5 μg / g Arsenic <0.5 μg / g Barium <0.5 μg / g Boron
Applications	Used for monitoring specific contaminants in the atmosphere and in soil tests.
Format	Pleated discs
Pieces per pack	100 pieces

Code	Description
481202500	Whatman filter paper n.2V - folded discs diam. 500 mm