



TECHNICAL DATA SHEET



Description Analytical grade qualitative filter paper, FILTER-LAB® ref. 1254 125 mm diameter. Pack 100 units

Product code PN1254125



FILTER-LAB® catalogue 2017
Pages 26 to 29

APPLICATIONS

Ref. 1248. Very fast filtration

- Filtration of samples with coarse precipitates.
- Filtration of musts.
- Food analysis.
- Determination of impurities in the iron and steel.

Ref. 1249. Fast filtration

- Filtration of thick precipitates as silver sulfurs, arsenic, cadmium, antimony, lead and cadmium alkaline carbonate.
- Determination of fat content.
- Soil Analysis

Ref. 1250. Medium filtration

- Analysis of beer and malt according to the parameters recommended by the EBC (European Brewery Convention)
- Filtration media samples precipitated as calcium oxalate or some metal sulfides
- Analysis fertilizers.
- Filtration hydrocarbon samples
- Analysis of black smoke into the atmosphere

Ref. 1252. Medium slow filtration

- Retention of fine precipitates as barium sulfate hot tin sulfide, nickel or zinc.
- Separation of particles in the food industry.
- Cauldron water testing

Ref. 1254. Slow filtration

- Degassing and analysis of beverage samples turbidity.
- Sample preparation prior to membrane filtration or spectrophotometry refractometry
- Filtration of very fine precipitates as barium sulfate or zinc sulfate cold

Ref. 1256. Very slow filtration

- Filtration of samples with very fine precipitates.
- Fine filtration of wine samples
- Water analysis

Ref. 1258. Medium-slow filtration, thick.

- Transport of biological samples
- Separation of elements by electrophoresis
- Determination of sulfur and sulphate in aggregates.
- Filtration of samples precipitated with high load
- Determination of some properties of aggregates

TECHNICAL SPECIFICATIONS

Code	PN1254125
Grammage (UNE-EN-ISO 536)	80 g/m ²
Thickness (UNE-EN 20534)	0,160 ± 0.01 mm
Filtration speed (INTERN REGULATION)	300 ± 50 s/180 cm ³
Filtration	Slow
Pore size	2 – 4 µm
Air resistance – speed 10 m/min (BS-6410.84)	Min. 5000 Pa.
Traction resistance (UNE-57028) (ISO-1924/1)	SL ≥ 3,7 - ST ≥ 2 kN/m.
Elongation (UNE-57028) (ISO-1924/1)	SL 2,4 – ST 3 %
Wet traction resistance (UNE-57030) (ISO-3781)	SL ≥ 0,320 - ST ≥ 0,300 kN/m
Ash content (DIN 54370)	≤ 0.01%
Diameter	125 mm
Format	Plain
Pack	100 units
Type of filter	Depth filter

RELATED PRODUCTS

Analytical grade qualitative filter paper

Recommended on qualitative analysis with high level precision

Description

FILTER-LAB® filter paper for qualitative analytic grade analyses are manufactured with cotton linters and cellulose fibers with a high purity. For that reason, is used on qualitative tests of elevated precision like the determination or the identification of the materials, for example.

These papers have excellent chemical and moisture resistance due to the addition, during the manufacturing process, an inert binder. This product contains nitrogen, which in the case of Kjeldall analysis, we recommend using filter paper FILTER-LAB® ref. 1290, low in N.

The range is formed by 7 qualities and are available in plain format, folded and sheets.

Technical specifications

Ref.	Filtration	Grammage g/m ²	Thickness mm	Pore µm	Ashes %
1248	Very fast	80	0.210	25-30	< 0.1
1249	Fast	88	0.180	20-25	< 0.1
1250	Medium	87	0.180	10-15	< 0.1
1252	Medium-slow	80	0.160	7-9	< 0.1
1254	Slow	80	0.160	2-4	< 0.1
1256	Very slow	100	0.190	1-3	< 0.1
1258	Medium-slow, thick	200	0.360	5-7	< 0.1

Formats and dimensions



12.5*	12.7*	12.8*	25	42.5	47	50	55	70	90	110	125	150	185	200
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240	250	270	320
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Dimensions: Diameter in mm
Presentation: Packs of 100 units



70	90	110	125	150	185	200	240	250	270	320
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Dimensions: Diameter in mm
Presentation: Packs of 100 units



203 x 254	460 x 570
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Dimensions: Measures in mm
Presentation: Packs of 100 units

Others formats and dimensions available on demand.

General use qualitative analysis filter paper

Used for filtrations of routine in all kinds of laboratories

Description

These filter papers, manufactured with first quality pure cellulose, are used in all types of laboratories in routine works where needed a simple solid-liquid separation with maximum time savings. They are, therefore, rapid filtration or extra-rapid. Some have a rough surface and a high basis weight to increase their load capacity.

They are used in laboratories, in the food, pharmaceutical, beverage, schools, universities, chemical, water laboratories, etc..

All are supplied flat format, folded and sheets.

Technical specifications

Ref.	Speed/Surface/Thickness	Grammage	Thickness	Pore	Ashes
		g/m^2	mm	μm	%
1300/80	Very fast, smooth, medium	80	0.185	43-48	< 0.15
1320	Extra-fast, smooth, thick	160	0.470	60-68	< 0.15
1318	Very fast, crepe, thick	155	0.450	35-40	< 0.20
1303	Very fast, crepe, thin	64	0.165	34-42	< 0.15
1300G	Mediu-fast, smooth, medium	85	0.180	14-22	< 0.15
1326	Fast, crepe, medium	90	0.330	26-34	< 0.20



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