

GENERAL CATALOGUE

Papers for germination assays

Recommended for specific assays in seed laboratories



Description

The absorbent paper is nowadays the ideal medium for storing transporting and regulating moisture according to the most modern methods for determining the ability of seed germination. Every single paper for germination seed accomplish the standards determined by ISTA, International Seed Test Association.

Properties

Composition
Made with cellulose fibers of chemically bleached wood, linters or any other vegetable cellulose 100% free from chlorine.

Content in ashes
The ash content is 0.1%.

High absorption
Is a very important condition of these papers since they provide the medium for storing the moisture needed for seed development.

Resistance
This papers must withstand constant handling once the experiment starts. They are soaked in water so that is why they must have good resistance to the moist state. This is done by using an inert synthetic additive during the manufacturing process for the purpose of uniting the cellulose fibers.

Compact texture
The evenness of the surface of the paper ensures that the development of the seedling occurs on the surface of the paper, without the root penetrating into the fibrous structure.

pH
The pH from the aqueous extract from the paper must be between 6.0 – 7.5 . FILTER-LAB® germination papers accomplish that requirement.

Technical specifications

Ref.	Grammage	Thickness	Klemm absorption	Wet resistance	Ash content
	g/m^2	mm	mm/10 min	kN/m	%
516G	390	0.930	115/120	0.65/0.40	0.1
518G	155	0.500	110/115	0.70/0.60	0.1
519G	155	0.500	110/115	0.70/0.60	0.1
555G	120	0.220	100/100	0.40/0.25	0.1
305G	73	0.170	88/89	0.29/0.26	0.1

APPLICATIONS

Ref. 516G

- Method between papers, towels or Vienna roll with large seeds, the orchard or grain.

Ref. 518G

- Jacobsen's System or Copenhagen's tank.
- Germination bells with forestal seeds.

Ref. 519G

- Absorption stripes in germination bells.
- Absorption stripes in Copenhagen tank.

Ref. 555G

- Neeb assay with beetroot seeds.

Ref. 305G

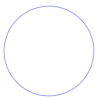
- Method between papers, towels or Vienna roll.

Formats and dimensions ref. 516G



32 x 42	42 x 52

Dimensions: Measures in cm
Presentation: Packs of 500 units



75	85	88	90	95	130	160

Dimensions: Diameter in mm
Presentation: Packs of 100 units

Other formats and dimensions available under demand.

INFORMATION FOR ORDERS. 516G

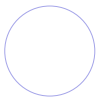
516G Sheets

Size cm	Cod.	units/pack
32 x 42	RM516G3242	500
42 x 52	RM516G4252	500

516G Circles

Ø mm	Cod.	units/pack
75	PN516G075	100
85	PN516G085	100
88	PN516G088	100
90	PN516G090	100
95	PN516G095	100
130	PN516G130	100
160	PN516G160	100

Formats and dimensions ref. 518G



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90	PN518G090	100
95	PN518G095	100
130	PN518G130	100
160	PN518G160	100

Formats and dimensions ref. 519G



30 x 200	18 x 320

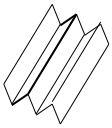
Dimensions: Measures in mm
Presentation: Packs of 100 units

INFORMATION FOR ORDERS. 519G

519G Strips

Size mm	Cod.	units/pack
30 x 200	TR519G30200	100
18 x 320	TR519G18320	100

Formats and dimensions ref. 555G y 556G



Dimensions: Measures in mm
Presentation: Packs of 32 units

2000 x 110 x 20

INFORMATION FOR ORDERS. 555G, 556G

Size mm	color	Cod.	units/pack
2000 x 110 x 20	white	TR555G	32
2000 x 110 x 20	grey	TR556G	32

Formats and dimensions ref. 305G



11x 60	42 x 52

Dimensions: Measures in cm
Presentation: Packs of 100 units

INFORMATION FOR ORDERS. 305G

305G Sheets

Size cm	Cod.	units/pack
11 x 60	RM305G1160	500
42 x 52	RM305G4252	500