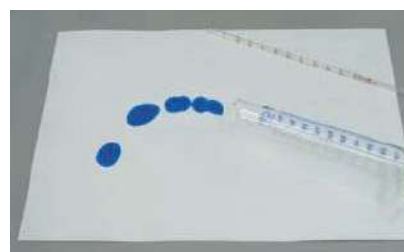


# SPECIAL PAPERS AND OTHER LABORATORY CONSUMMABLES

## Bench protective paper

● Those products are made with an absorbent paper on one side and with a PE- coated film on the other. These papers give a good protection of laboratory benches against impacts, acids, toxic, corrosive and radioactive fluids.



Grade	Weight (g/m <sup>2</sup> ) Cellulose	Weight (g/m <sup>2</sup> ) PE	Absorption capacity (ml/m <sup>2</sup> )	// Whatman
PP125	100	25	170	Benchkote
PP210	190	35	200	--
PP400	375	20	750	Benchkote Plus

PP125	Size	Packing	Code
	42x52 cm	x 100 sheets	PP125F4252
	46x57 cm	x 50 sheets	PP125F4657L
	46x57 cm	x 100 sheets	PP125F4657
	400 mm	x 50 m	PP125R0400
	460 mm	x 50 m	PP125R0460
	490 mm	x 50 m	PP125R0490
	600 mm	x 50 m	PP125R0600
	920 mm	x 50 m	PP125R0920

PP210	Size	Packing	Code
	46x57 cm	x 50 sheets	PP210F4657
	50x60 cm	x 50 sheets	PP210F5060
	460 mm	x 50 m	PP210R0460
	490 mm	x 50 m	PP210R0490
	600 mm	x 50 m	PP210R0600
	920 mm	x 50 m	PP210R0920

PP400	Size	Packing	Code
	46x57 cm	x 50 sheets	PP400F4657
	460 mm	x 50 m	PP400R0460




## Joseph paper




● The Joseph paper is a non fluffy and absorbent paper; it is ideal for cleaning and drying glass containers, tubes, flasks, microscopic plates, bottles in laboratories or hospitals.

- filtraTECH's grade: PJ.
- Available in plain sheets (F) or hand-folded sheets (M).


	✓	
Size	Packing	Code
12x12 cm	500	PJ500F1212
15x15 cm	200	PJ200F1515
35x50 cm	500	PJ500F3550
35x50 cm	800	PJ800F3550

	✓	
Size	Packing	Code
35x50 cm	25	PJ25M3550
35x50 cm	40	PJ40M3550
35x50 cm	50	PJ50M3550
35x50 cm	100	PJ100M3550
35x50 cm	500	PJ500M3550
35x50 cm	800	PJ800M3550


## Cleaning paper

	USE	FOOD	Pure wadding, high quality, white, conform to food industry norms, 19 g/m <sup>2</sup>
Size	Packing	Code	
22x35 cm	450 x 6	ES045R2235A	
25x30 cm	1000 x 2	ES100R2530A	



	USE	STANDARD	Standard wadding, unbleached colour, suitable to most common applications, 19 g/m <sup>2</sup>
Size	Packing	Code	
22x35 cm	450 x 6	ES045R2235S	
25x30 cm	1000 x 2	ES100R2530S	
25x30 cm	1500 x 2	ES150R2530S	



	USE	INDUSTRIAL	Recycled wadding, orange/brown colour economical, more resistant, used in industrial fields, 22 g/m <sup>2</sup>
Size	Packing	Code	
25x30 cm	1000 x 2	ES100R2530I	
25x30 cm	1500 x 2	ES150R2530I	



## Holder for cleaning paper

● Depending on your needs, 2 holders in white gloss finished steel with cutting system are available for rolls (maximum width: 30 cm).

- filtraTECH's codes:

Stand holder : SUPPIED.

Wall holder : SUPMURAL



## Lens cleaning tissue



● The lens cleaning tissue is made with 100% Manila fibres. It does not scratch and is not fluffy. It is used for the cleaning of optical lens (objective, microscope, binoculars), glasses, and optical fibre filaments. We dispose of two grades OP12, the economical version, and OP13, the premium strongest grade.

- filtraTECH's grades: OP12 | OP13 (// Whatman : 105).
- Available in sheet (F) or in booklet (L).
- For OP13 available references, please contact us.

F		
Size	Packing	Code
10x15 cm	100	OP12F1015
13.5x17 cm	500	OP12F1317
13.5x19 cm	500	OP12F1319
20x30 cm	100	OP12F2030
46x57 cm	500	OP12F4657

L		
Size	Packing	Code
8x10 cm	25	OP12L0810
9.5x13.5 cm	25	OP12L0913
10x15 cm	25x25	OP12L1015

## Blotting pad

● Made with a very absorbent paper, the blotting pads (73 g/m<sup>2</sup>) are perfect to dry excessive liquids in microscopic preparations.

- filtraTECH's code: SL73L0310.
- Available in booklet of 50 sheets of 37x100 mm.



## Weighing paper

● The weighing papers bare a satin surface and are used to weigh all types of substances (beet mash, powders, liquids,...).

- filtraTECH's grades: PE25 (easily crushable, recommended for grated beet weighing).  
PE45 (satin appearance, wet-strength resistance).
- Available in sheets (F) in packs of 250 or 1000 sheets.



F			
Size	Packing	Weight	Code
9.5x11 cm	250	45 g/m <sup>2</sup>	PE45F0911
10x10 cm	250	45 g/m <sup>2</sup>	PE45F1010
15x15 cm	250	45 g/m <sup>2</sup>	PE45F1515
10x10 cm	1000	45 g/m <sup>2</sup>	PE45F1010M
10x10 cm	1000	25 g/m <sup>2</sup>	PE25F1010

## Weighing boat

● Made in parchment paper with a low nitrogen content, the weighing boats enable to weigh and transport easily various substances such as viscous products, pasty products or powders.

- filtraTECH's code: NP581010.
- Available in boxes of 100 units of 58x10x10 mm.





## Phase separating paper

● Hydrophobic with silicone impregnation, the phase separating paper is used for the separation of aqueous solutions from organic solutions. It allows a quick separation of elements and replaces the use of a separating funnel.

- ▶ filtraTECH's grade: FS92.
- ▶ Available in plain discs (A) or folded discs (P) – in box of 100 units.

⊘ Diameter	Code
70 mm	FS92A0070
90 mm	FS92A0090
110 mm	FS92A0110
125 mm	FS92A0125
150 mm	FS92A0150
185 mm	FS92A0185
210 mm	FS92A0210
240 mm	FS92A0240

⊘ Diameter	Code
185 mm	FS92P0185



Weight (g/m <sup>2</sup> )	Thickness (mm)	Filtration speed (sec)	// Whatman
85	0.17	25	1PS

## Phosphate-free filter paper

● In order to preserve the results of soil analysis from phosphate contamination issued from the paper itself, we suggest you use phosphate-free filter paper. 2 grades are available for the determination of potassium and phosphate levels (Egner, Riehm & Lederle method), sugar ratio post-determination or filtration of fine crystalline sulphide precipitates in the analysis of iron.

FS93	Phosphate-free filter paper, medium / fast flow.			
	Weight (g/m <sup>2</sup> ) DIN 53104	Thickness (mm)	Pore size (µm)	Filtration speed (sec) DIN 53137
	85	0.2	8-12	22

FS94	Phosphate-free filter paper, very slow flow.			
	Weight (g/m <sup>2</sup> ) DIN 53104	Thickness (mm)	Pore size (µm)	Filtration speed (sec) DIN 53137
	80	0.17	1-2	1500



## Nitrogen free filter paper

● These filters contain a very low level of nitrogen and offer a slow filtration speed. They are suitable for the determination of the nitrogen content in steel and iron rough, or even glycaemia according to Hagedorn-Jensen.

- filtraTECH's grade: FS96.
- Available in sheets (F), plain discs (A) or folded discs (P) – in box of 100 units.



Size	Code
10x10 cm	FS96F1010
12x12 cm	FS96F1212
20x20 cm	FS96F2020

Ø Diameter	Code
70 mm	FS96A0070
90 mm	FS96A0090
110 mm	FS96A0110
125 mm	FS96A0125
150 mm	FS96A0150

Ø Diameter	Code
185 mm	FS96P0185

Weight (g/m <sup>2</sup> )	Thickness (mm)	Filtration speed (sec)	Nitrogen content	// Whatman
85	0.17	650	~0.05 mg / Disc Ø 110 mm	2095

## Black filter paper

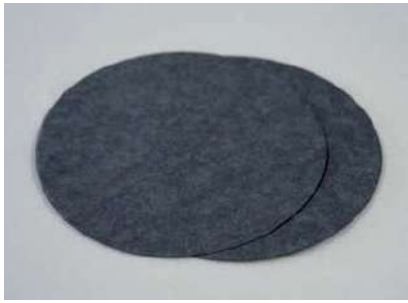
● This filter paper is stained with a sulphured colouring and is used to reveal the particles of bright colours such as fluorine, silicon detection, mycelium in cultivated mushrooms, etc.

- filtraTECH's grade: FS98.
- Available in plain discs (A) – in boxes of 100 units.



Ø Diameter	Code
55 mm	FS98A0055
70 mm	FS98A0070
90 mm	FS98A0090
110 mm	FS98A0110
125 mm	FS98A0125
150 mm	FS98A0150
185 mm	FS98A0185
210 mm	FS98A0210
240 mm	FS98A0240
270 mm	FS98A0270

Weight (g/m <sup>2</sup> )	Thickness (mm)	Filtration speed (sec)	// Whatman
85	0.17	45	551



## Activated carbon filter paper

● This paper contains about 35% of high quality activated carbon and it is recommended for a use in various fields in both laboratories (clarification and brightening of duff and dark urines) and in industry (filtration of galvanic baths, clarification of coloured liquids).

- filtraTECH's grade: FS99. (// Whatman : 509).
- Available in sheets (F) or in plain discs (A) – in boxes of 100 units.

(A)	✓
Ø Diameter	Code
55 mm	FS99A0055
70 mm	FS99A0070
90 mm	FS99A0090
110 mm	FS99A0110
125 mm	FS99A0125
140 mm	FS99A0140
150 mm	FS99A0150
185 mm	FS99A0185
210 mm	FS99A0210
240 mm	FS99A0240

(F)	✓
Size	Code
60x60 cm	FS99F6060

(A)	✓
Ø Diameter	Code
195/61 mm	FS99A195/61
258/40 mm	FS99A258/40
456/100 mm	FS99A456/100

## Test seed paper

● Due to their absorbent power, the seed papers are used to control the germination of seed samples because they retain enough water and they prevent the penetration of the roots in the paper.

These papers are made from the highest quality of wood fibres to avoid any contact with toxic parts (bacteria, sporis...).

- filtraTECH's grades: PG110 | PG160.
- Available in white colour ○ or in grey colour ●.
- Available in sheets (F), plain discs (A) or in pleated strips (P).



PG110	Fine seeds.				
	Weight (g/m <sup>2</sup> ) DIN 53104	Thickness (mm)	(F)	(A)	(P)
	110	0.24	X	X	○ ●

// Whatman :  
3014/3236

PG160	Medium seeds.				
	Weight (g/m <sup>2</sup> ) DIN 53104	Thickness (mm)	(F)	(A)	(P)
	160	0.38	○	○	X

// Whatman :  
181



## Brewery industry filter paper

● This embossed filter paper 75 g/m<sup>2</sup> is ideally used for any sample preparation and for the clarification of malt analysis in breweries.

- ▶ filtraTECH's grade: FS97.
- ▶ Available in plain discs (A) or folded discs (P) – in boxes of 100 units.

Ø Diameter	Code
150 mm	FS97A0150
185 mm	FS97A0185
240 mm	FS97A0240
320 mm	FS97A0320

Ø Diameter	Code
240 mm	FS97P0240
270 mm	FS97P0270
320 mm	FS97P0320



Weight (g/m <sup>2</sup> )	Thickness (mm)	Filtration speed (sec)	// Whatman
75	0.17	110	2555

## Sugar industry filter paper

● Usable in the food industry, the filter papers for the sugar industry offer a fast filtration or a very fast filtration for the clarification of beetroot juice or cane sugar juice (for efficient saccharimetric tests or after lead acetate addition).

- ▶ filtraTECH's grade: FS90 (64 g/m<sup>2</sup>), smooth surface, for beetroot.
- ▶ Available in sheets (F) – in pack of 500 sheets and pleated in 4 discs (C) – in pack of 250 units.



Size	Code
60x60 cm	FS90F6060D

Ø Diameter	Code
210 mm	FS90C0210
215 mm	FS90C0215
225 mm	FS90C0225
250 mm	FS90C0250

- ▶ filtraTECH's grade: FS91 (64 g/m<sup>2</sup>), creped surface, for clarification to sugar cane, fast filtration (// Whatman : 91),
- ▶ Available in plain discs (A), folded discs (P) – in box of 100 units, or in sheets (F) – in pack of 500 units.

Ø Diameter	Code
110 mm	FS91A0110
125 mm	FS91A0125
140 mm	FS91A0140
150 mm	FS91A0150
185 mm	FS91A0185
240 mm	FS91A0240

Ø Diameter	Code
185 mm	FS91P0185
240 mm	FS91P0240



Size	Code
58x58 cm	FS91F5858D



## Non woven filter & filter - card

● The non woven filters of our range can be used for sediment determination in dairy products (food contact approved). They come in different sizes and shapes depending on market habits.

- ▶ filtraTECH's grades: NT110 | NT130 (// Whatman : 0048).
- ▶ Most frequent diameters: 32, 35, 47 mm (in boxes of 1000 units) and size 50x50 mm (in boxes of 500 units).

● The filter-cards (NT110 non woven filter stuck on a printed cardboard for archives) are used in food industry laboratories, among others in milk powder analysis.

▶ filtraTECH's grades:

Code CF110N57155 used for determination of scorched particles in milk powder according to ADMI method. (in boxes of 500 units).

Code CF110N4580 used for determination of sediments in milk powder, dairy products. (in boxes of 500 units).

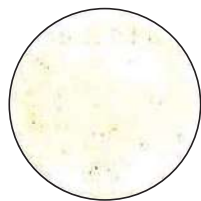


Grade	Weight (g/m <sup>2</sup> )	Thickness (mm)	Pore size (µm)	Water permeability (L/m <sup>2</sup> /mm)	Air permeability (L/m <sup>2</sup> /mm)
NT110	110	0.70	50	400	2200
NT130	130	1.20	45	370	1750

### GRID OF RESULT INTERPRETATION (WEIGHT OF SCORCHED PARTICLES IN MILK POWDER).

#### American Dairy Products Institute

Scorched particle standards for dry milks



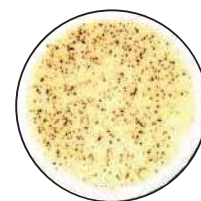
A - 7.5 mg



B - 15 mg



C - 22,5 mg



D - 32,5 mg

7 CFR 58-2676





## Antibiotic assays

● Made with 100% cotton linters, this very absorbent paper (270 g/m<sup>2</sup>) is suitable to identify the agents which are the cause of infectious diseases and to test the resistance of pathogenic organisms.

- filtraTECH's grade: PA320. (// Whatman : AA).
- Available in plain discs (A) – packs of 1000 units.
- Size: 6 mm | 9 mm | 12 mm | 12.7 mm | 25 mm.



## Cyto-centrifugal paper



● This thick paper of 430 g/m<sup>2</sup> has been developed especially for Shandon and Bayer cytological centrifuges.

- filtraTECH's grade: CY430.
- Available in sheets (F) – in boxes of 200 units.



F	✓	
Size	Nb. holes	Code
25x62 mm	1 hole	CY430F2562/1T
25x77 mm	2 holes	CY430F2577/2T

## Sterilization paper

● According EN 868-2 norm, the sterilization paper, creped surface, 60 g/m<sup>2</sup>, is used to wrap medical clothes, surgical instruments and other articles that require steam, gas and gamma-ray sterilization.

- filtraTECH's grade: PS60.
- Available in sheets (F).

F	✓	●	●
Size	Packing	Code	Code
30x30 cm	2000	PS60F3030B	—
50x50 cm	500	PS60F5050B	PS60F5050V
60x60 cm	500	PS60F6060B	—
60x90 cm	250	PS60F6090B	—
75x75 cm	250	PS60F7575B	—
90x90 cm	250	PS60F9090B	—
100x100 cm	250	PS60F100100B	PS60F100100V
120x120 cm	100	PS60F120120B	—

Weight (g/m <sup>2</sup> )	Thickness (mm)	Water absorption (sec)	Permeability to air (µm)
60	0,16	90	42.8



## Chromatography paper

● Produced with high quality cotton linters, the chromatography papers allow absorbing samples more or less important depending on the thickness of the grade.

For the finest filtration results, filtraTECH recommend to use grade CH51 for routine and simple analysis and grade CH58 for electrophoresis and chromatographic works.

- filtraTECH's grades: CH51 | CH53 | CH58 | CH59.
- Available in sheets (F) or in rolls (R).



Grade	Application			Whatman Code
	Weight (g/m <sup>2</sup> ) Din 53104	Thickness (mm)	Capillary rise (mm/30 min)	
CH51	Routine works in chromatography, determination of the presence of malic acid in wine.			// Whatman : 1CHR
	90	0.20	120-130	
CH53	Finest analysis, determination of components by elution.			// Whatman : 2CHR
	90	0.18	90-100	
CH58	Electrophoresis works, highly charged solution chromatography, separation of organic compounds, separation and identification of additives in food.			// Whatman : 3MMCHR
	180	0.36	90-100	
CH59	Electrophoresis of thicker particles, protein analysis in serums.			// Whatman : 17CHR
	270	0.7	130-140	

Grade	Packaging		Size	Packing	Code
	F (Sheet)	R (Roll)			
CH51	✓	—	10x30 cm	100	CH51F1030
	✓	—	20x20 cm	100	CH51F2020
	✓	—	46x57 cm	100	CH51F4657
	✓	—	58x60 cm	100	CH51F5860
	—	✓	L = 50 mm	100 m	CH51R0050
	—	✓	L = 100 mm	100 m	CH51R0100
	—	✓	L = 150 mm	100 m	CH51R0150
CH53	✓	—	46x57 cm	100	CH53F4657
	✓	—	58x60 cm	100	CH53F5860
CH58	✓	—	20x20 cm	100	CH58F2020
	✓	—	46x57 cm	100	CH58F4657
CH59	✓	—	58x60 cm	25	CH59F5860

## Blotting paper


● The blotting papers are used for their great absorption qualities; they are suitable for the Cobb method (determination of water absorption in the production of sized paper) or for the pulp industry (sheet formation testing).

► filtraTECH's grades:

PB190 (190 g/m<sup>2</sup>) | PB255 (255 g/m<sup>2</sup>).

► Available in sheets (F).



	✓	x 100 sheets
Size	Absorption	Code
15x15 cm	300 g/m <sup>2</sup>	PB190F1515
15x30 cm	300 g/m <sup>2</sup>	PB190F1530
20x20 cm	300 g/m <sup>2</sup>	PB190F2020
22x22 cm	300 g/m <sup>2</sup>	PB190F2222
25x25 cm	300 g/m <sup>2</sup>	PB190F2525
25x30 cm	300 g/m <sup>2</sup>	PB190F2530
50x50 cm	300 g/m <sup>2</sup>	PB190F5050
50x65 cm	300 g/m <sup>2</sup>	PB190F5065
25x100 cm	300 g/m <sup>2</sup>	PB190F25100
27x100 cm	300 g/m <sup>2</sup>	PB190F27100

	✓	x 100 sheets
Size	Absorption	Code
12x12 cm	490 g/m <sup>2</sup>	PB255F1212
15x15 cm	490 g/m <sup>2</sup>	PB255F1515
16x16 cm	490 g/m <sup>2</sup>	PB255F1616
17x17 cm	490 g/m <sup>2</sup>	PB255F1717
20x20 cm	490 g/m <sup>2</sup>	PB255F2020
22x22 cm	490 g/m <sup>2</sup>	PB255F2222
25x25 cm	490 g/m <sup>2</sup>	PB255F2525
25x30 cm	490 g/m <sup>2</sup>	PB255F2530
30x30 cm	490 g/m <sup>2</sup>	PB255F3030
50x50 cm	490 g/m <sup>2</sup>	PB255F5050
50x65 cm	490 g/m <sup>2</sup>	PB255F5065
68x68 cm	490 g/m <sup>2</sup>	PB255F6868
25x100 cm	490 g/m <sup>2</sup>	PB255F25100
27x100 cm	490 g/m <sup>2</sup>	PB255F27100

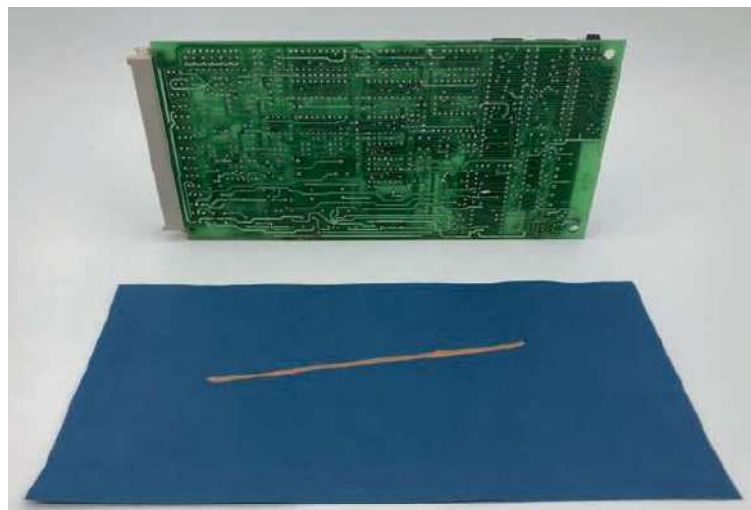
## Printed circuit board control paper

● During the electronic card cleaning process the test paper is used to check that the fluid has been sprayed correctly on the entire card. The paper thus turns from blue to yellow (indication of the areas of application of the acid on the printed circuit)..

► Grade : PH055.

► Available in sheets of 25,4x30 cm (packs of 100 sheets), code: PH055F2530.

Other sizes and shapes upon request.





## Cellulose stoppers

● Economical and hygienic, the cellulose stoppers are efficient to seal flasks, test tubes, Erlenmeyers and various bottles in laboratories.

Made with pure cellulose fibres, they are permeable to air, sterilizable to 200 °C.

Single use recommended.



Size	Packing	Code
5x9x30 mm	1000	BOC050930M
6x8.5x11 mm	1000	BOC060811M
7x11x30 mm	1000	BOC071130M
8x14x32 mm	1000	BOC081432M
9x12x30 mm	1000	BOC091230M
10x18x37 mm	1000	BOC101837M
11x16x32 mm	1000	BOC111632M
12x17x37 mm	1000	BOC121737M
12x18x42 mm	1000	BOC121842M
12x20x32 mm	1000	BOC122032M
13x18x32 mm	1000	BOC131832M
15x19x30 mm	1000	BOC151930M
16x20x30 mm	1000	BOC162030M
17x21x38 mm	1000	BOC172138M
18x22x30 mm	1000	BOC182230M
19x24x30 mm	1000	BOC192430M
20x23x41 mm	500	BOC202341D
23x28x30 mm	500	BOC232830D
24x28x43 mm	200	BOC242843Q
25x34x60 mm	200	BOC253460Q
26x36x60 mm	200	BOC263660Q
28x33x63 mm	200	BOC283363Q
29x38x60 mm	200	BOC293860Q
30x40x40 mm	200	BOC304040Q
30x42x55 mm	100	BOC304255C
33x37x63 mm	100	BOC333763C
35x36x40 mm	200	BOC353640Q
35x40x60 mm	100	BOC354060C
35x46x60 mm	100	BOC354660C
37x50x50 mm	100	BOC375050C
39x61x63 mm	50	BOC396163L
40x58x65 mm	50	BOC405865L
58x65x70 mm	25	BOC586570W