



sartorius

## Filter Papers for the Laboratory and Industry



turning science **into solutions**



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# Filter Papers – An Introduction

High-grade filter papers are indispensable for routine work in laboratory and industrial applications. Sartorius supplies you with a broad range of filter papers for myriad filtration tasks and supports you in solving all your filtration challenges.

With this catalog, we invite you to familiarize yourself with our broad product range. Here, you will find typical examples intended to help you quickly select the filter paper that is right for your application.

## **Our Product range covers:**

- Quantitative, qualitative filter papers
- Technical papers and boards
- Blotting and chromatography papers
- Glass and quartz microfiber filters
- And many other paper grades for special applications

## **Quality Assurance and Quality Control**

Sartorius pays particular attention to continuous in-process quality control; additionally, regular checks and exact analyses of raw material and of each individual finished product assure constant high quality and product uniformity.

The paper mill meets the requirements set by the ISO 9001 quality management system and the ISO 14001 environmental management system.

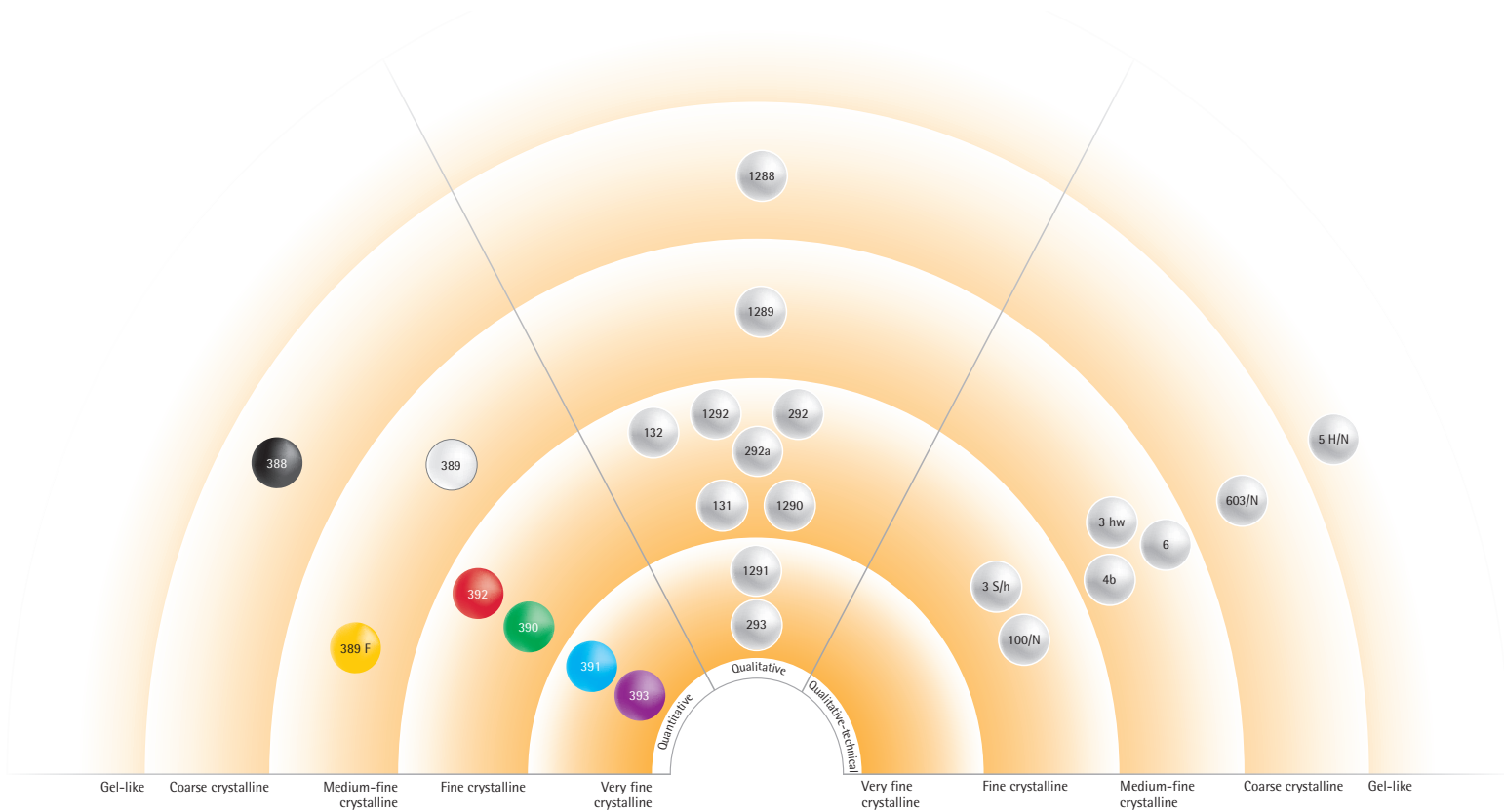
## **How Do Filter Papers Work?**

Filter papers are actually depth filters. Various parameters influence their effectiveness: Mechanical particulate retention, absorption, pH, surface properties, thickness and strength of the filter paper as well as the shape, density and quantity of particles to be retained. The precipitates deposited on the filter form a "cake layer", which – depending on its density – increasingly affects the progress of a filtration run and decisively affects the retention capability. For this reason, it is essential to select the right filter paper to ensure effective filtration. This choice also depends on the filtration method to be used, among other factors. In addition, the amount and properties of the medium to be filtered, the size of the particulate solids to be removed and the required degree of clarification are all decisive in making the right choice.












# Product Overview



## Quantitative Filter Papers

- 
**Black dot**  
 Fast filtering, wide-pore, loose structure, ash-free, wet-strengthened
- 
**White dot**  
 Medium fast filtering, medium- to wide-pore, ash-free, wet-strengthened
- 
**Yellow dot**  
 Medium fast filtering, medium- to wide-pore, low-fat content, ash-free, wet-strengthened
- 
**Red dot**  
 Medium fast filtering, medium density ash-free, wet-strengthened

- 
**Green dot**  
 Slow filtering, narrow-pore, dense, ash-free, wet-strengthened
- 
**Blue dot**  
 Very slow filtering, fine-pore, very dense, ash-free, wet-strengthened
- 
**Purple dot**  
 Very slow filtering, very fine-pore, very dense, ash-free, wet-strengthened

# Ash-free Filter Papers for Quantitative and Gravimetric Analyses

These filter papers are used for quantitative and gravimetric analyses as well as for pressure or vacuum filtration. They are made out of 100 % cotton linters with an  $\alpha$ -cellulose content of > 98 % and are acid-washed to make the papers ashless and achieve high purity.

In gravimetric applications, the cake layer is calcined and the residue quantified. For quantitative analysis of the filtrate, the filter paper must not give off any foreign substances. This guarantees that no test results are falsified. That is why it is important that the filters are ash-free.

For some quantitative analyses, the cake layer has to be mechanically removed from the filter (for example, with a water jet or a spatula). The filter must be wet-strengthened so that it doesn't break when the cake layer is removed.










## Application Examples

Application	Grade
Determination of ash content	388
Gravimetric analysis of metals	388
Analysis of alkaline earth carbonates	389
Determining the fate content in natural raw materials	389 F
Gravimetric analyses in power plants	392
Filtration of fine precipitates	390
Filtration of fine-grained precipitates	391, 393
Blaine Test for cement (EN 196-6:2010)	392, 391

- Made of 100 % cotton linters
- Ash-free (Ash content  $\leq 0,01$  % according to DIN 54370)
- Wet-strengthened
- Color-coded box for easy selection
- Supplied in rolls, sheets, discs and folded filters

## Technical Specifications

Grade	Weight (g/m <sup>2</sup> )*	Thickness (mm)*	Particle retention (µm)	Filtration (s)*	Precipitates	Properties
 388	84	0.21	12 – 15	10	Coarse crystalline	Wide-pore, loose structure, fast filtering
 389	84	0.19	8 – 12	20	Medium-fine crystalline	Medium- to wide-pore, medium fast filtering
 389 F	84	0.19	8 – 12	20	Medium-fine crystalline	Medium- to wide-pore, medium fast filtering
 392	84	0.17	5 – 8	50	Fine crystalline	Medium dense, medium fast filtering
 390	84	0.16	3 – 5	100	Fine crystalline	Narrow-pore, dense, slow filtering
 391	84	0.15	2 – 3	180	Very fine crystalline	Fine-pore, dense, very slow filtering
 393	100	0.17	1	300	Very fine crystalline	Very fine-pore, very dense, very slow filtering

\* See test methods, page 35

## Ordering Information



### Filter Discs, 100 pieces

Ø in mm	Grade 388	Grade 389	Grade 389 F	Grade 390	Grade 391	Grade 392	Grade 393
55	FT-3-101-055	FT-3-102-055	FT-3-112-055	FT-3-103-055	FT-3-104-055	FT-3-105-055	FT-3-127-055
70	FT-3-101-070	FT-3-102-070		FT-3-103-070	FT-3-104-070	FT-3-105-070	FT-3-127-070
90	FT-3-101-090	FT-3-102-090	FT-3-112-090	FT-3-103-090	FT-3-104-090	FT-3-105-090	FT-3-127-090
110	FT-3-101-110	FT-3-102-110	FT-3-112-110	FT-3-103-110	FT-3-104-110	FT-3-105-110	FT-3-127-110
125	FT-3-101-125	FT-3-102-125	FT-3-112-125	FT-3-103-125	FT-3-104-125	FT-3-105-125	FT-3-127-125
150	FT-3-101-150	FT-3-102-150	FT-3-112-150	FT-3-103-150	FT-3-104-150	FT-3-105-150	FT-3-127-150
185	FT-3-101-185	FT-3-102-185	FT-3-112-185	FT-3-103-185	FT-3-104-185	FT-3-105-185	FT-3-127-185
240	FT-3-101-240	FT-3-102-240		FT-3-103-240	FT-3-104-240	FT-3-105-240	FT-3-127-240



### Folded Filters, 100 pieces

Ø in mm	Grade 388	Grade 389	Grade 389 F	Grade 390	Grade 391	Grade 392
110	FT-4-101-110	FT-4-102-110		FT-4-103-110	FT-4-104-110	FT-4-105-110
125	FT-4-101-125	FT-4-102-125		FT-4-103-125	FT-4-104-125	FT-4-105-125
150	FT-4-101-150	FT-4-102-150		FT-4-103-150	FT-4-104-150	FT-4-105-150
185	FT-4-101-185	FT-4-102-185	FT-4-112-185	FT-4-103-185	FT-4-104-185	FT-4-105-185
240	FT-4-101-240	FT-4-102-240			FT-4-104-240	



### Sheets in 580 x 580 mm, 100 pieces

Grade 388	Grade 389	Grade 390	Grade 391	Grade 392	Grade 393
FT-2-101-580580	FT-2-102-580580	FT-2-103-580580	FT-2-104-580580	FT-2-105-580580	FT-2-127-580580

Other dimensions are available on request

# Wet-strengthened Filter Papers for Qualitative Analyses

These qualitative filter papers are essentially used for analytical purposes and routine analyses, whenever no gravimetric analyses are required. They are wet-strengthened and can be used for pressure and vacuum filtration. They are made of refined pulp and linters with an > 95%  $\alpha$ -cellulose content, are very pure with an ash content  $\leq$  0.1%.

## Application Examples

Application	Grade
Must analysis	1288
Routine filtration for malt analysis	1289
Rapid filtration of fine precipitates	1292
Analysis of coffee extracts	1290
Tannin solutions	1291
Clarification of wine	293



- Made of refined pulp and cotton linters with an > 95%  $\alpha$ -cellulose content,
- Ash content  $\leq$  0,1% according to DIN 54370
- Wet-strengthened
- Supplied in rolls, sheets, discs and folded filters

## Technical Specifications

Grade	Weight (g/m <sup>2</sup> )*	Thickness (mm)*	Particle retention ( $\mu$ m)	Filtration (s)*	Precipitates	Properties
1288	84	0.21	12 – 15	10	Coarse crystalline	Wide-pore, loose structure, fast filtering
1289	84	0.21	8 – 12	20	Medium-fine crystalline	Medium- to wide-pore, medium fast filtering
1292	84	0.17	5 – 8	50	Fine crystalline	Medium dense, medium fast filtering
1290	84	0.15	3 – 5	100	Fine crystalline	Narrow-pore, dense, slow filtering
1291	84	0.15	2 – 3	180	Very fine crystalline	Fine-pore, dense very slow filtering
293	80	0.15	1 – 2	300	Very fine crystalline	Very fine-pore, very dense very slow filtering

\* See test methods, page 35



## Ordering Information



### Filter Discs, 100 pieces

Ø in mm	Grade 1288	Grade 1289	Grade 1290	Grade 1291	Grade 1292	Grade 293
55	FT-3-206-055	FT-3-207-055	FT-3-208-055	FT-3-209-055	FT-3-210-055	FT-3-211-055
70	FT-3-206-070	FT-3-207-070	FT-3-208-070	FT-3-209-070	FT-3-210-070	FT-3-211-070
90	FT-3-206-090	FT-3-207-090	FT-3-208-090	FT-3-209-090	FT-3-210-090	FT-3-211-090
110	FT-3-206-110	FT-3-207-110	FT-3-208-110	FT-3-209-110	FT-3-210-110	FT-3-211-110
125	FT-3-206-125	FT-3-207-125	FT-3-208-125	FT-3-209-125	FT-3-210-125	FT-3-211-125
150	FT-3-206-150	FT-3-207-150	FT-3-208-150	FT-3-209-150	FT-3-210-150	FT-3-211-150
185	FT-3-206-185	FT-3-207-185	FT-3-208-185	FT-3-209-185	FT-3-210-185	FT-3-211-185
240	FT-3-206-240	FT-3-207-240	FT-3-208-240	FT-3-209-240	FT-3-210-240	



### Folded Filters, 100 pieces

Ø in mm	Grade 1288	Grade 1289	Grade 1290	Grade 1291	Grade 1292	Grade 293
110	FT-4-206-110	FT-4-207-110	FT-4-208-110	FT-4-209-110	FT-4-210-110	
125	FT-4-206-125	FT-4-207-125	FT-4-208-125	FT-4-209-125	FT-4-210-125	FT-4-211-125
150	FT-4-206-150	FT-4-207-150	FT-4-208-150	FT-4-209-150	FT-4-210-150	FT-4-211-150
185	FT-4-206-185	FT-4-207-185	FT-4-208-185	FT-4-209-185	FT-4-210-185	FT-4-210-185
240	FT-4-206-240	FT-4-207-240	FT-4-208-240	FT-4-209-240	FT-4-210-240	FT-4-211-240



### Sheets in 580 × 580 mm, 100 pieces

Grade 1288	Grade 1289	Grade 1290	Grade 1291	Grade 1292	Grade 293
FT-2-206-580580	FT-2-207-580580	FT-2-208-580580	FT-2-209-580580	FT-2-210-580580	FT-2-211-580580

Other dimensions are available on request

# High-Purity Filter Papers for Qualitative Analyses

These paper grades are used for analytical purposes that require a low ash content. Grades 292 and 292a are especially suitable for soil analyses because they are low in nitrogen. For phosphate or sodium determination, we recommend grades 131 and 132.



## Application Examples

Application	Grade
Malt filtration according to EBC standards	292
Determination of nitrogen content in soils	292, 292a
Determination of phosphate and sodium content in soils	131, 132

- Pure cotton linters or cotton linters with refined pulp
- No additives, such as wet-strengthening agents
- Supplied in rolls, sheets, discs and folded filters

## Technical Specifications

Grade	Weight (g/m <sup>2</sup> )*	Thickness (mm)*	Particle retention (µm)	Filtration (s)*	Material
292	87	0.18	5–8	45	Cotton linters, low-nitrogen and nitrates, ash content ≤ 0.06% according to DIN 54370
292a	97	0.19	4–7	60	Cotton linters, low-nitrogen and nitrates, ash content ≤ 0.06% according to DIN 54370
132	80	0.17	5–7	55	Cotton linters and refined pulp, low-phosphate and low-potassium, ash content < 0.02% according to DIN 54370
131	80	0.16	3–5	100	Cotton linters and refined pulp, low-phosphate and low-potassium, ash content < 0.02% according to DIN 54370

\* See test methods, page 35

## Ordering Information



### Filter Discs, 100 pieces

Ø in mm	Grade 131	Grade 132	Grade 292	Grade 292a
55		FT-3-329-055	FT-3-205-055	FT-3-215-055
70		FT-3-329-070	FT-3-205-070	FT-3-215-070
90		FT-3-329-090	FT-3-205-090	FT-3-215-090
110		FT-3-329-110	FT-3-205-110	FT-3-215-110
125	FT-3-351-125	FT-3-329-125	FT-3-205-125	FT-3-215-125
150		FT-3-329-150	FT-3-205-150	FT-3-215-150
185		FT-3-329-185	FT-3-205-185	FT-3-215-185
240		FT-3-329-240	FT-3-205-240	FT-3-215-240



### Folded Filters, 100 pieces

Ø in mm	Grade 131	Grade 132	Grade 292	Grade 292a
110	FT-4-351-110	FT-4-329-110	FT-4-205-110	FT-4-215-110
125	FT-4-351-125	FT-4-329-125	FT-4-205-125	FT-4-215-125
150	FT-4-351-150	FT-4-329-150	FT-4-205-150	FT-4-215-150
185	FT-4-351-185	FT-4-329-185	FT-4-205-185	FT-4-215-185
240		FT-4-329-240	FT-4-205-240	FT-4-215-240



### Sheets in 580 × 580 mm, 100 pieces

Grade 292	Grade 292a
FT-2-205-580580	FT-2-215-580580

Other dimensions are available on request

# Smooth Filter Papers for Qualitative & Technical Analyses

These filter papers are used for routine analyses like clarification, determination of substances, but also as discs with a center hole for technical applications. Grades with a wet burst resistance > 30 kPa are referred to as wet-strengthened and are therefore suitable for pressure or vacuum filtration. White and bright particles can be easily detected with the black paper grade 918, due to the color contrast for example for the detection of fluorine or silicon in water or the detection of mycelium in mildews.

## Application Examples

Application	Grade
Routine work in the lab	3 hw
Degassing beer before analysis	6
Determination of the sugar content	100/N
Clarification of clear or dyed liquids	3 m/N
Water Absorption test for mortar according to EN 1015-18	3 S/h
Durum wheat flour and semolina – Determination of yellow pigment content (ISO 11052:1994)	918
Clarification and brightening of dull and dark urines	69 k
Polarimetric sugar determination	69 k



- Made of refined pulp and cotton linters with an > 95%  $\alpha$ -cellulose content
- Ash content between 0.1 – 0.15% (grade 100/N < 0.1%)
- Wet-strengthened
- Supplied in rolls, sheets, discs and folded filters as well as customer-specific cuts

## Technical Specifications

Grade	Weight (g/m <sup>2</sup> )*	Thickness (mm)*	Filtration (s)*	Particle Retention ( $\mu$ m)	Wet burst resistance (kPa)*	Properties
10	120	0.33	8	11 – 16	30	Fast filtering, wide-pore
6	80	0.17	15	10 – 13	30	Fast filtering
3 w	65	0.14	15	9 – 13	15	Medium fast filtering
3 hw	65	0.14	20	8 – 12	40	Medium fast filtering
C 140	140	0.30	20	7 – 11	> 50	Medium fast filtering
4 b	75	0.15	22	8 – 12	30	Medium fast filtering
3 m/N	65	0.14	30	7 – 10	30	Medium fast filtering
50 S	120	0.22	30	6 – 10	20	Medium fast filtering
100/N	85	0.18	30	6 – 8	80	Medium fast filtering, low ammonium, potassium & sodium content
3 h	65	0.13	35	6 – 9	15	Medium fast to slow filtering
918	85	0.17	45	8 – 10		Medium fast to slow filtering, black paper
460/N	90	0.17	50	3 – 4	30	Medium fast to slow filtering
3 S/h	200	0.36	55	5 – 7	15	Medium fast to slow filtering, narrow-pore
69 k	155	0.36	65	7 – 9	20	Slow filtering, narrow-pore, black activated charcoal paper

\* See test methods, page 35



## Ordering Information



### Filter Discs

Ø in mm	Grade 10 (50 pieces)	Grade 100/N (100 pieces)	Grade 3 h (100 pieces)	Grade 3 hw (100 pieces)	Grade 3 m/N (100 pieces)	Grade 3 S/h (50 pieces)
55	FT-3-352-055	FT-3-328-055	FT-3-302-055	FT-3-303-055	FT-3-305-055	FT-3-307-055
70	FT-3-352-070	FT-3-328-070	FT-3-302-070	FT-3-303-070	FT-3-305-070	FT-3-307-070
90	FT-3-352-090	FT-3-328-090	FT-3-302-090	FT-3-303-090	FT-3-305-090	FT-3-307-090
110	FT-3-352-110	FT-3-328-110	FT-3-302-110	FT-3-303-110	FT-3-305-110	FT-3-307-110
125	FT-3-352-125	FT-3-328-125	FT-3-302-125	FT-3-303-125	FT-3-305-125	FT-3-307-125
150	FT-3-352-150	FT-3-328-150	FT-3-302-150	FT-3-303-150	FT-3-305-150	FT-3-307-150
185	FT-3-352-185	FT-3-328-185	FT-3-302-185	FT-3-303-185	FT-3-305-185	FT-3-307-185
240	FT-3-352-240	FT-3-328-240	FT-3-302-240	FT-3-303-240	FT-3-305-240	FT-3-307-240

Ø in mm	Grade 3 w (100 pieces)	Grade 4 b (100 pieces)	Grade 6 (100 pieces)	Grade 69 k (100 pieces)	Grade 918 (100 pieces)	Grade C 140 (50 pieces)
55	FT-3-308-055	FT-3-309-055	FT-3-312-055		FT-3-607-055	
70	FT-3-308-070	FT-3-309-070	FT-3-312-070	FT-3-326-070		
90	FT-3-308-090	FT-3-309-090	FT-3-312-090	FT-3-326-090	FT-3-607-090	FT-3-356-090
110	FT-3-308-110	FT-3-309-110	FT-3-312-110	FT-3-326-110		
125	FT-3-308-125	FT-3-309-125	FT-3-312-125	FT-3-326-125		
150	FT-3-308-150	FT-3-309-150	FT-3-312-150	FT-3-326-150		
185	FT-3-308-185	FT-3-309-185	FT-3-312-185	FT-3-326-185		FT-3-356-185
240	FT-3-308-240	FT-3-309-240	FT-3-312-240			



### Folded Filters, 100 pieces

Ø in mm	Grade 10	Grade 100/N	Grade 3 h	Grade 3 hw	Grade 3 m/N
110	FT-4-352-110		FT-4-302-110	FT-4-303-110	FT-4-305-110
125	FT-4-352-125		FT-4-302-125	FT-4-303-125	FT-4-305-125
150	FT-4-352-150	FT-4-328-150	FT-4-302-150	FT-4-303-150	FT-4-305-150
185	FT-4-352-185		FT-4-302-185	FT-4-303-185	FT-4-305-185
240	FT-4-352-240	FT-4-328-240	FT-4-302-240	FT-4-303-240	FT-4-305-240
270	FT-4-352-270	FT-4-328-270	FT-4-302-270	FT-4-303-270	FT-4-305-270
320	FT-4-352-320	FT-4-328-320	FT-4-302-320	FT-4-303-320	FT-4-305-320
385	FT-4-352-385		FT-4-302-385	FT-4-303-385	FT-4-305-385

Ø in mm	Grade 3 S/h	Grade 3 w	Grade 4 b	Grade 6	Grade C 140
110		FT-4-308-110	FT-4-309-110	FT-4-312-110	FT-4-356-110
125		FT-4-308-125	FT-4-309-125	FT-4-312-125	FT-4-356-125
150		FT-4-308-150	FT-4-309-150	FT-4-312-150	FT-4-356-150
185		FT-4-308-185	FT-4-309-185	FT-4-312-185	FT-4-356-185
240	FT-4-307-240	FT-4-308-240	FT-4-309-240	FT-4-312-240	FT-4-356-240
270	FT-4-307-270	FT-4-308-270	FT-4-309-270	FT-4-312-270	FT-4-356-270
320	FT-4-307-320	FT-4-308-320	FT-4-309-320	FT-4-312-320	FT-4-356-320
385		FT-4-308-385	FT-4-309-385	FT-4-312-385	



### Sheets in 580 × 580 mm, 100 pieces

Grade 10	Grade 100/N	Grade 3 h	Grade 3 hw	Grade 3 m/N
FT-2-352-580580	FT-2-328-580580	FT-2-302-580580	FT-2-303-580580	FT-2-305-580580

Grade 3 S/h	Grade 3 w	Grade 4 b	Grade 460/N	Grade 6
FT-2-307-580580	FT-2-308-580580	FT-2-309-580580	FT-2-332-580580	FT-2-312-580580

Other dimensions are available on request

# Crêped Filter Papers for Qualitative & Technical Analyses

Crêped filter papers are mostly used for the rapid filtration of relatively coarse precipitates; because of their crêped structure they provide a larger filtration area than smooth filter papers. Grades with a wet burst resistance > 30 kPa are referred to as wet-strengthened and are therefore suitable for pressure or vacuum filtration. Below you will find an overview of the most commonly used grades.



## Application Examples

Application	Grade
Cooking oils	39/N
Vinegar filtration	39/N
Fine filtration of tar	17/N
Galvanic baths	34/N
Prefilters for transformer oil	6 S/N
Filtration of sugar solutions	603/N
Filtration of essential oils	5 H/N
Juice filtration	67/N

- Made of refined pulp and cotton linters with an > 95%  $\alpha$ -cellulose content
- Ash content between 0.1 – 0.15%
- Wet-strengthened
- Supplied in rolls, sheets, discs and folded filters as well as customer-specific cuts

## Technical Specifications

Grade	Weight (g/m <sup>2</sup> )*	Thickness (mm)*	Filtration (s)*	Wet burst resistance (kPa)*	Air resistance (mbar)*	Properties
5 H/N	85	0.28	3	≥ 40		Very fast filtering, wide-pore
34/N	60	0.20	4	40	1.5	Very fast filtering
37/N	135	0.50	4	≥ 70	1.9	Very fast filtering, wide-pore
FT 55	55	0.15	5	20		Very fast filtering
1602/N	70	0.23	5	≥ 30		Very fast filtering
39/N	180	0.65	5	90	2.5	Very fast filtering, wide-pore
39/N	300	0.95	5	120	2.5	Very fast filtering, wide-pore
603/N	75	0.25	8	≥ 50		Fast filtering
6 S/N	145	0.55	12	≥ 90		Medium fast filtering
601/N	65	0.19	13	≥ 30		Medium fast filtering
67/N	160	0.65	13	≥ 70	5.5	Medium fast filtering
17/N	90	0.30	20	≥ 30		Medium filtering

\* See test methods, page 35

## Ordering Information



### Filter Discs

Ø in mm	Grade 5 H/N (100 pieces)	Grade 6 S/N (50 pieces)	Grade 601/N (100 pieces)	Grade 603/N (100 pieces)	Grade 37/N (50 pieces)	Grade 39/N, 180 g/m <sup>2</sup> (50 pieces)
47	FT-3-423-047				FT-3-480-047	
70		FT-3-314-070			FT-3-480-070	
90	FT-3-423-090	FT-3-314-090		FT-3-335-090	FT-3-480-090	
110	FT-3-423-110	FT-3-314-110	FT-3-354-110	FT-3-335-110	FT-3-480-110	FT-3-483-110
125	FT-3-423-125	FT-3-314-125	FT-3-354-125	FT-3-335-125	FT-3-480-125	
150	FT-3-423-150	FT-3-314-150	FT-3-354-150	FT-3-335-150	FT-3-480-150	
185	FT-3-423-185	FT-3-314-185	FT-3-354-185	FT-3-335-185	FT-3-480-185	FT-3-483-185
240	FT-3-423-240	FT-3-314-240	FT-3-354-240	FT-3-335-240	FT-3-480-240	
320			FT-3-354-320	FT-3-335-320		



### Folded Filters, 100 pieces

Ø in mm	Grade 5 H/N	Grade 6 S/N	Grade 603/N	Grade 34/N	Grade 37/N	Grade 39/N, 180 g/m <sup>2</sup>
125	FT-4-423-125	FT-4-314-125	FT-4-335-125	FT-4-478-125	FT-4-480-125	
150	FT-4-423-150	FT-4-314-150	FT-4-335-150		FT-4-480-150	FT-4-483-150
185	FT-4-423-185	FT-4-314-185	FT-4-335-185		FT-4-480-185	FT-4-483-185
240	FT-4-423-240	FT-4-314-240	FT-4-335-240		FT-4-480-240	FT-4-483-240
270	FT-4-423-270	FT-4-314-270	FT-4-335-270			
320	FT-4-423-320	FT-4-314-320	FT-4-335-320	FT-4-478-320	FT-4-480-320	
385	FT-4-423-385					FT-4-483-385
500	FT-4-423-500				FT-4-480-500	FT-4-483-500



### Sheets in 580 x 580 mm, 100 pieces

Grade 5 H/N	Grade 6 S/N	Grade 601/N	Grade 603/N
FT-2-423-580580	FT-2-314-580580	FT-2-354-580580	FT-2-335-580580
Grade 17/N	Grade 37/N	Grade 39/N, 180 g/m <sup>2</sup>	Grade FT 55
FT-2-321-580580	FT-2-480-580580	FT-2-483-580580	FT-2-348-580580

Other dimensions are available on request



# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.