

# Cellulose Filter Papers at a glance

Use the charts below to quickly narrow down our range of cellulose filter papers by pore size, or see which grades are equivalent across different brands

## Qualitative Filter Papers – for general filtration tasks

Whatman Grade	Camlab Grade	Pore size (µm)	Recommended uses / Application Notes	Additional Notes	Machery Nagel Equivalent Grade	Sartorius Equivalent Grade	Schleicher & Schuell (S&S) Equivalent Grade
<a href="#">No 1</a>	<a href="#">Grade 601</a>	11	The most widely used filter paper for routine applications with medium retention and flow rate.		MN 615	292	595
<a href="#">No 2</a>	<a href="#">Grade 113</a>	8	More absorbent than Grade 1 - utilized, for example, to hold soil nutrient in plant growth trials.	Pre-folded; Whatman <a href="#">2V</a> or Camlab <a href="#">113P</a>	MN 616	292a	597
<a href="#">No 3</a>	<a href="#">Grade 1103</a>	6	Thicker paper and increased wet strength, making this grade ideal for use in Büchner funnels.		MN 618	3S/H	598
<a href="#">No 4</a>	<a href="#">Grade 111</a>	20 - 25	Fast filtering with retention of coarse particles, used as a rapid filter for routine clean-up of biological fluids or coarse precipitates like hydroxides.		MN 617	1288	604
<a href="#">No 5</a>	<a href="#">Grade 118</a>	2.5	Very fine particle retention. Used to clarify cloudy suspensions for water or soil analysis.		MN 619 de	-	602H
<a href="#">No 6</a>	<a href="#">Grade 114</a>	3	Twice as fast as Grade 5 with fine particle retention. Often specified for boiler water analysis applications.		-	-	594
<a href="#">No 591</a>	-	7 - 12	Thick paper with high loading capacity. Offers high absorbency and increased wet strength.		-	-	-
<a href="#">Nos 91 93</a>	-	10	Wet strengthened with intermediate pore size.		-	-	859
<a href="#">No 113</a>	<a href="#">Grade 304</a>	30	Wet strengthened, ultra high loading capacity, used for coarse or gelatinous precipitates. Fastest flow rate and thickest paper of the range.	Pre-folded; Whatman <a href="#">113V</a> or Camlab <a href="#">1101P</a>	-	-	520 b II
<a href="#">No 114</a>	<a href="#">Grade 122</a>	25	Wet strengthened, used for coarse or gelatinous precipitates. Smooth surface for precipitate recovery.	Pre-folded; Whatman <a href="#">114V</a> or Camlab <a href="#">122P</a>	-	-	503 (folded; 503 ½)
<a href="#">No 595</a>	-	4 - 7	Thin paper used for routine analytical separations e.g. food extracts or solids in digested environmental samples	Pre-folded; Whatman <a href="#">595.5</a>	-	-	-
<a href="#">No 597</a>	-	4 - 7	For analytical routine applications e.g. fat content or CO <sub>2</sub> and turbidity removal from beverages.	Pre-folded; Whatman <a href="#">597.5</a>	-	-	-
<a href="#">No 602h</a>	-	< 2	Collecting very small particles and removing fine precipitates, e.g. residual sugar determination, HPLC or refractometric analysis.	Pre-folded; Whatman <a href="#">602H.5</a>	-	-	-

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