

Qualitative Filter Papers



Qualitative Filter Papers

Dorsan® presents its offer of laboratory filter papers for qualitative analysis. From routine filtration applications to difficult viscous liquids such as syrups, oils and essences.

Whether plain or fluted, our filter papers achieve the highest levels of quality required by the most prestigious laboratories in the world. Our filter papers have been manufactured using high quality α -cellulose and cotton fibers.

We offer our customers the optimum product to achieve their highest level of performance and satisfaction. These filter papers are widely recommended for daily qualitative filtration in laboratories.

Features

- Cotton and α -cellulose fibers
- Wide range of products
- Choice of filtration speed
- Wide range of diameters
- Retention from 2 μ m up to 50 μ m

Qualities Smooth Surface

102. Very slow filtration speed, equivalent to Whatman 2, and offers high particle retention. Widely used for soil analysis for agricultural research. Commonly used for air contamination control. Retention of particles greater than 2 microns.

101. Slow filtration, equivalent to Whatman 1. Filtration for routine laboratory work.

113. Medium-fast filtration, used in routine laboratory work. Retention of particles greater than 6 microns.

180. Fast filtration speed, equivalent to Whatman 93. This is the most commonly used filter paper for qualitative analysis. It is the recommended grade for normal laboratory filtration applications. Retention of particles greater than 10 microns.

600. Extra fast filtration. Highly recommended for filtration of high viscosity liquids such as syrups, oils, essences... This high grammage filter paper is also recommended for the filtration of gelatinous precipitations. Retention of particles greater than 50 microns.

Qualities Crepped Surface

70-FC. Fast filtration speed, equivalent to Whatman 91 and Whatman 114. Low grammage filter paper for economic filtration. Commonly used in the filtration of viscous liquids with high particle content in suspension. Retention of particles greater than 25 microns. Used in beer analysis and recommended for prefiltration before SCABA analysis.

90-FC. Creped filter paper which provides very fast filtration. Due to the creped surface filtration is faster than found with smooth surface filter papers. Widely used in the sugar industry for brix grade determination. Retention of particles greater than 30 microns.

117-FC. Very fast filtration, equivalent to Whatman 113. Offers high particle loading capacity. Frequently used in filtration of essences, resins, oils. Great capacity to retain large quantities of flocculants and precipitates. Retention of particles greater than 40 microns.



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Qualitative Filter Papers characteristics

Grade	Grammage gm ²	Thickness mm	Filtration mls/min	Herzberg (sec.x100 ml)	Rating µm	Filtration Characteristics	Equivalent Whatman
102	95	0,19	30	200	2	Very slow	2
101	88	0,2	55	124	2,5	Slow	1
113	70	0,17	65	92	6	Medium-Fast	
180	80	0,16	90	60	10	Fast	93
70-C	70	0,27	235	26	25	Fast	91 / 114
90-C	90	0,30	275	40	30	Very Fast	
117-C	123	0,43	360	17	40	Extra Fast	113
600	160	0,40	360	15	50	Super Fast	

Qualitative Filter Papers size and codes

Diameters mm	Grade 102	Grade 11	Grade 113	Grade 180	Grade 600	Grade 70-C	Grade 90-C	Grade 117-C
70	102-070	101-070	113-070	180-070	600-070	70C-070	90C-070	117C-070
90	102-090	101-090	113-090	180-090	600-090	70C-090	90C-090	117C-090
110	102-110	101-110	113-110	180-110	600-110	70C-110	90C-110	117C-110
125	102-125	101-125	113-125	180-125	600-125	70C-125	90C-125	117C-125
150	102-150	101-150	113-150	180-150	600-150	70C-150	90C-150	117C-150
185	102-185	101-185	113-185	180-185	600-185	70C-185	90C-185	117C-185
200	102-200	101-200	113-200	180-200	600-200	70C-200	90C-200	117C-200
300	102-300	101-300	113-300	180-300	600-300	70C-300	90C-300	117C-300
320	102-320	101-320	113-320	180-320	600-320	70C-320	90C-320	117C-320
350	102-350	101-350	113-350	180-350	600-350	70C-350	90C-350	117C-350
400	102-400	101-400	113-400	180-400	600-400	70C-400	90C-400	117C-400
450	102-350	101-350	113-350	180-350	600-350	70C-350	90C-350	117C-350
500	102-500	101-500	113-500	180-500	600-500	70C-500	90C-500	117C-500
650	102-650	101-650	113-650	180-650	600-650	70C-650	90C-650	117C-650
800	102-800	101-800	113-800	180-800	600-800	70C-800	90C-800	117C-800

Note. We reserve the right to change these informations without any previous notice.

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