

Qualitative Filter Papers

Our qualitative filter papers are recommended for use in general analytical methods which determine or identify particular constituents of a mixture regardless of the amount present. Qualitative filter papers are often used in routine separation work that still requires high purity and consistent performance with an average ash content of 0.06%

Depending on the Wet Strength, loading capacity, filtration speed and particle retention, Johnson Test Papers Ltd offers a comprehensive range of low Ash Filter Papers for general laboratory work. Even without acid treatment, the extremely pure filter paper grades are made of cellulose fibres with an α -content of nearly 100% according to precise norms.

Our paper can be supplied as rolls, sheets or discs and covers all requirements for qualitative analysis no matter what the filtration task may be.

- Qualitative Analysis
- Made from refined pulp and linters > 95% alpha cellulose content
- Low Ash Content of 0.06%
- Untreated
- Consistent Performance
- Custom Cut
- Bulk Packaging



Standard Qualitative Filter Papers

Standard Qualitative Filter Papers are used for low gravity, or even quadrant-folded application. Standard Filter Papers have a higher level of α -cellulose than other filter papers, this means that it will weaken when the paper has become introduced to water. We do not recommend Standard Filter Papers if wet handling or vacuum work is necessary. In routine quadrant-folded applications the underline strength of standard (untreated) grades does not present an issue.

Grade	Whatman Equivalent	Speed	Thickness (mm)	Pore Size (μ m)	Weight (g/m ²)	Filtration Speed (sec)	Burst Strength (kg/cm ²)
301	= No.5	Very Slow Filtering	0.14	2-3	84	180	> 0.30
302	= No.3	Medium Filtering	0.3	12-16	150	65	3.90
303	= No.2	Medium Filtering	0.16	5-8	87	50	> 0.10
304	= No.1	Medium Filtering	0.16	5-13	73	88	1.95
305	= No.4	Fast Filtering	0.20	12-15	84	10	> 0.30