

Creped Filter Papers

For Food and Industrial Liquids Processing



High-grade filter papers are indispensable for routine work in laboratory and industrial applications.

Great Wall can supply you with a broad range of filter papers for myriad filtration tasks and support you in solving all your filtration challenges.

Industrial Filter Papers Introduction

Great Wall industrial filter papers are versatile, strong, and cost-effective. 7 types are available classified by strength, thickness, retentivity, creping, and holding capacity. Suitable grades for many industries are available in creped and smooth surfaces and consisting of 100% cellulose or with an incorporated resin to increase wet strength.

Creped Filter Papers

Crepe filter paper has been widely used because of its crepe structure and its larger filtration area than smooth filter paper. Damp-resistant explosive grades greater than 40 kPa are called wet reinforcement levels and are therefore suitable for pressure or vacuum filtration. Creped papers shorten the filtration time as the surface is enlarged and have extremely high loading capacity.

Applications

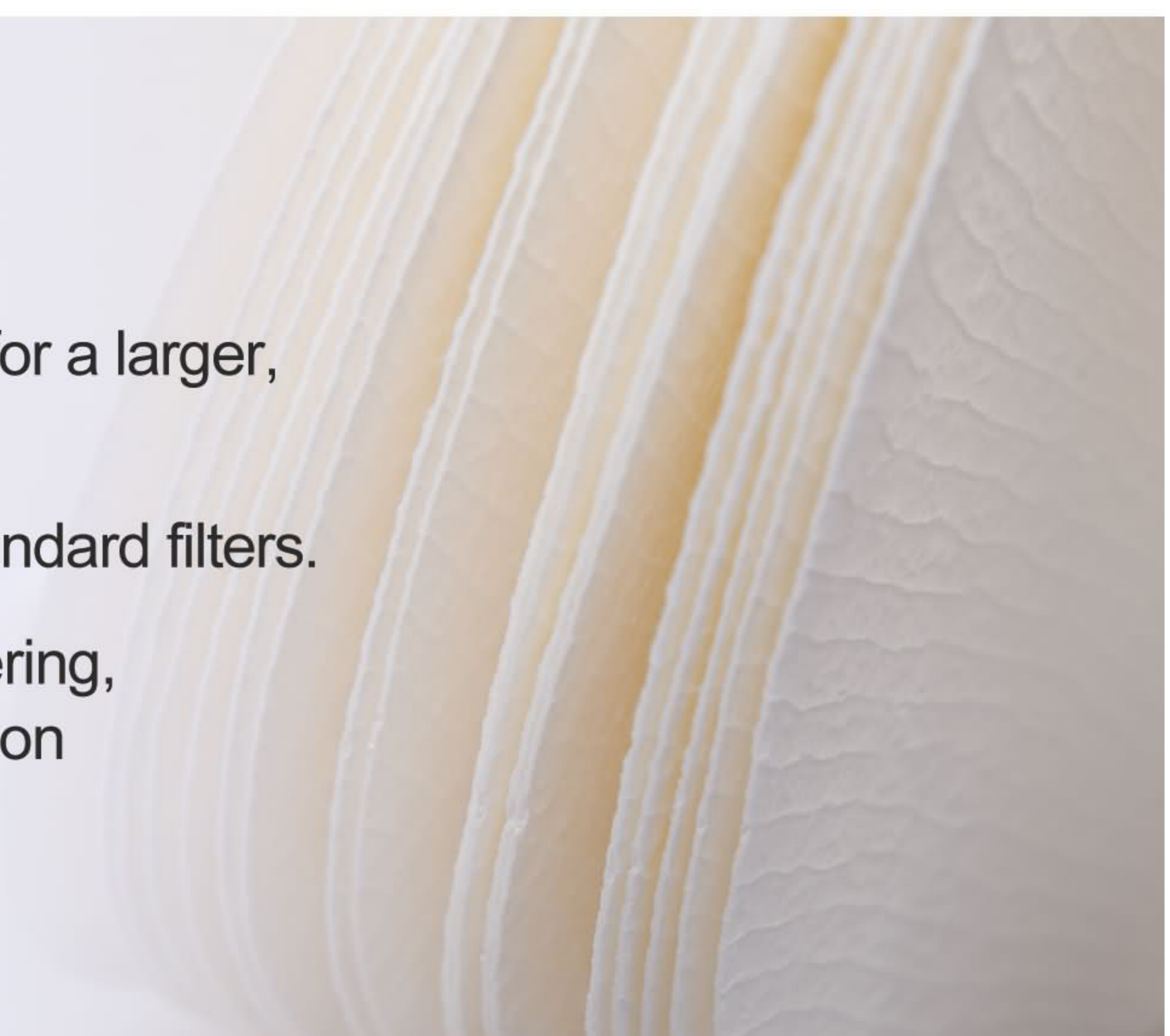
Great Wall filter paper includes grades suitable for general coarse filtration, fine filtration, and retention of specified particle sizes during the clarification of various liquids. We also offer grades that are used as a septum to hold filter aids in a plate and frame filter presses or other filtration configurations, to remove low levels of particulate, and many other applications.

Such as: production of alcoholic, soft drink, and fruit juice beverages, food processing of syrups, cooking oils, and shortenings, metal finishing and other chemical processes, refinement and separation of petroleum oils and waxes.

Please refer to the application guide for additional information.

Features

- Uniformly creped surface with cellulose fiber pre-coat for a larger, more effective surface area.
- Increased surface area with a higher flow rate than standard filters.
- High flow rates can be maintained while effectively filtering, so filtration of high viscosity or high particle concentration fluids can be performed.
- Wet-strengthened.



Technical Specifications

Grade	Mass per Unit Area (g/m ²)	Thickness (mm)	Flow Time(s) (6ml) ^①	Dry Bursting Strength (kPa \geq)	Wet Bursting Strength (kPa \geq)	Color
CR130	120-140	0.35-0.4	4"-10"	100	40	white
CR150K	140-160	0.5-0.65	2"-4"	250	100	white
CR150	150-170	0.5-0.55	7"-15"	300	130	white
CR170	165-175	0.6-0.7	3"-7"	170	60	white
CR200	190-210	0.6-0.65	15"-30"	460	130	white
CR300K	295-305	0.9-1.0	8"-18"	370	120	white
CR300	295-305	0.9-1.0	20"-30"	370	120	white

*^① The time it takes for 6ml of distilled water to pass through 100cm² of filter paper at temperature around 25°C.

Material

- Cleaned and bleached cellulose
- Cationic wet strength agent

Forms of supply

Supplied in rolls, sheets, discs and folded filters as well as customer-specific cuts. All these conversions can be done with our own specific equipment. Please contact us for more information.

- Paper rolls of various widths and lengths.
- Filter circles with centre hole.
- Large sheets with exactly positioned holes.
- Specific shapes with a flute or with pleats.

Quality assurance

Great Wall 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.



Dedicated & Experienced in Filtration Industry

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