

# Fine Particle 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.

## Fine Particle Filter Papers

High precision filter paper is suitable for filtering tasks with high requirements. Thick filter with medium to slow filtration speed, high wet strength and good retention for smaller particles. It has excellent particle retention and a good filtration speed and 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

- Highest particle retention of industrial filter papers.
- Fibers won't separate or slough off suitable for removal of fine particles.
- Efficient retention of small particles in horizontal and vertical flow systems, and suitable for applications in many fields.
- Wet-strengthened.
- Retains fine particles without affecting filtration speed.
- Very slow filtering, fine-pore, very dense.

## Technical Specifications

Grade	Mass per Unit Area (g/m <sup>2</sup> )	Thickness (mm)	Flow Time(s) (6ml) ①	Dry Bursting Strength (kPa≥)	Wet Bursting Strength (kPa≥)	Color
SCM-800	75-85	0.16-0.2	50''-90''	200	100	white
SCM-801	80-100	0.18-0.22	1'30''-2'30''	200	50	white
SCM-802	80-100	0.19-0.23	2'40''-3'10''	200	50	white
SCM-279	190-210	0.45-0.5	10'-15'	400	200	white

\* ① The time it takes for 6ml of distilled water to pass through 100cm<sup>2</sup> 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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