

High Viscosity Fluid 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.

High Viscosity Fluid Filter Papers

Great Wall This high viscosity fluid filter paper has great wet strength and a very high flow rate. Frequently used in technical applications such as the filtration of viscous liquids and emulsions (e.g. Sweetened juices, spirits and syrups, resin solutions, oils or plant extracts). Strong filter with very fast flow rate. Ideal for coarse particles and gelatinous precipitates. Smooth surface.

Applications

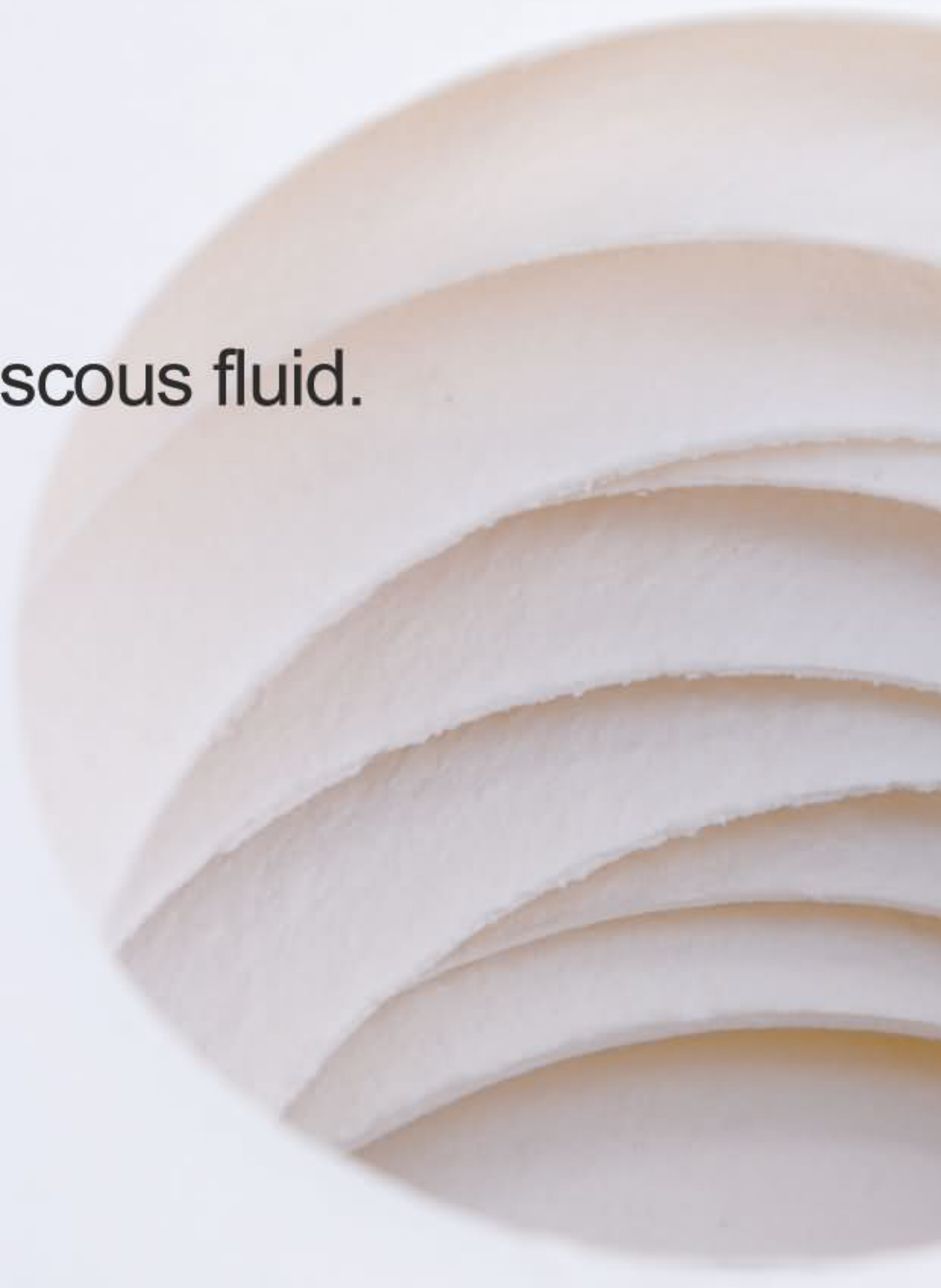
Great Wall filter paper includes grades suitable for general coarse filtration, fine filtration, and retention of specified particle sizes during the clarification of various liquids. We also offer grades that are used as a septum to hold filter aids in a plate and frame filter presses or other filtration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

- Thick, high and low-density filter papers designed for fast filtration of viscous fluid.
- Fast filtering, wide-pore, loose structure.
- Ultra-high loading capacity with particle retention make it ideal for use with coarse or gelatinous precipitates.
- Fastest flow rate of the qualitative grades.



Technical Specifications

Grade	Mass per Unit Area (g/m ²)	Thickness (mm)	Air Permeability L/m ² ·s	Dry Bursting Strength (kPa≥)	Wet Bursting Strength (kPa≥)	Color
HV250K	240-260	0.8-0.95	100-120	160	40	white
HV250	235-250	0.8-0.95	80-100	160	40	white
HV300	290-310	1.0-1.2	30-50	130	-	white
HV109	345-355	1.0-1.2	25-35	200	-	white

* The raw materials vary from product to product, depending on the model and industry application.

Material

- Cleaned and bleached cellulose
- Cationic wet strength agent

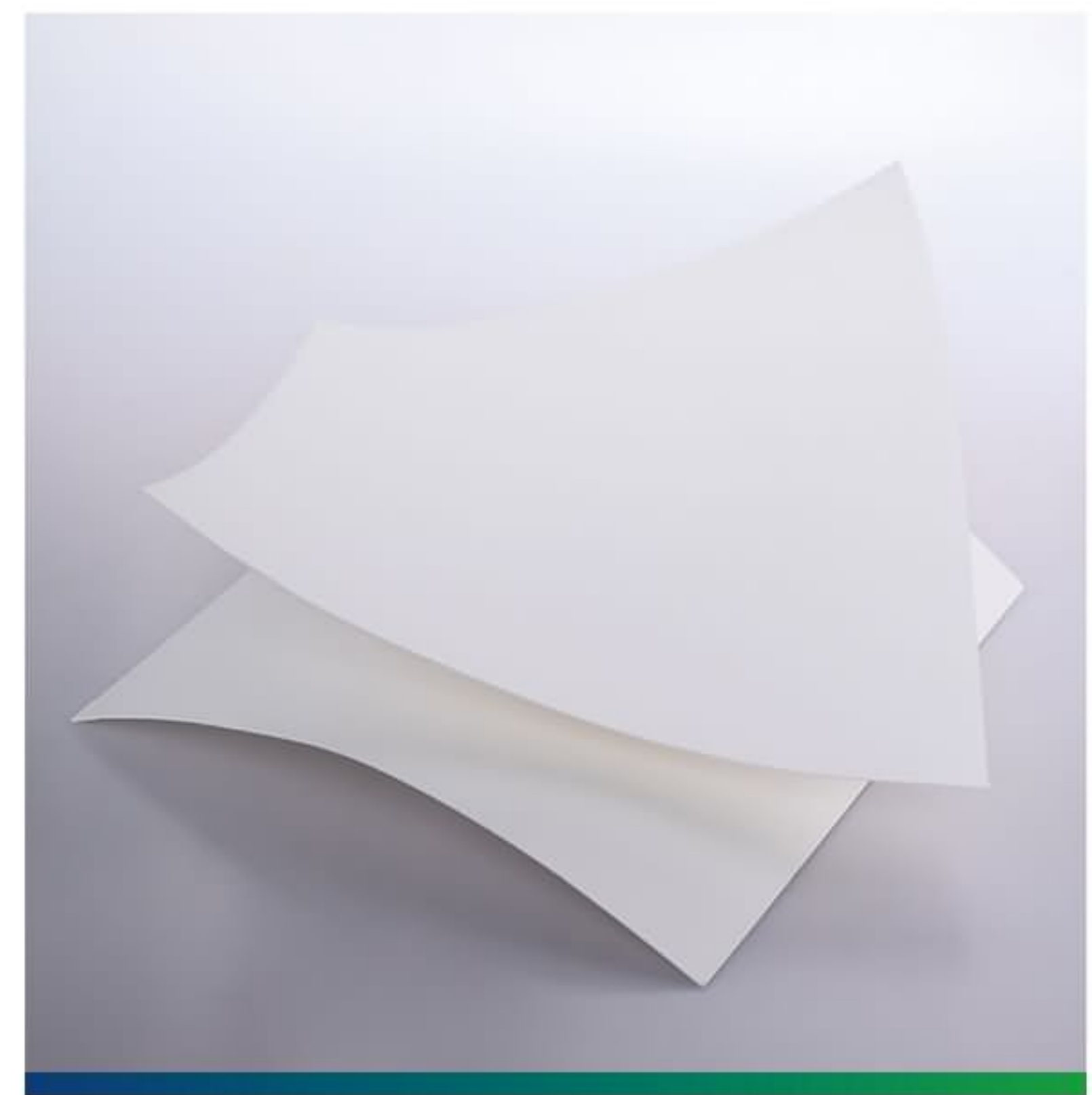
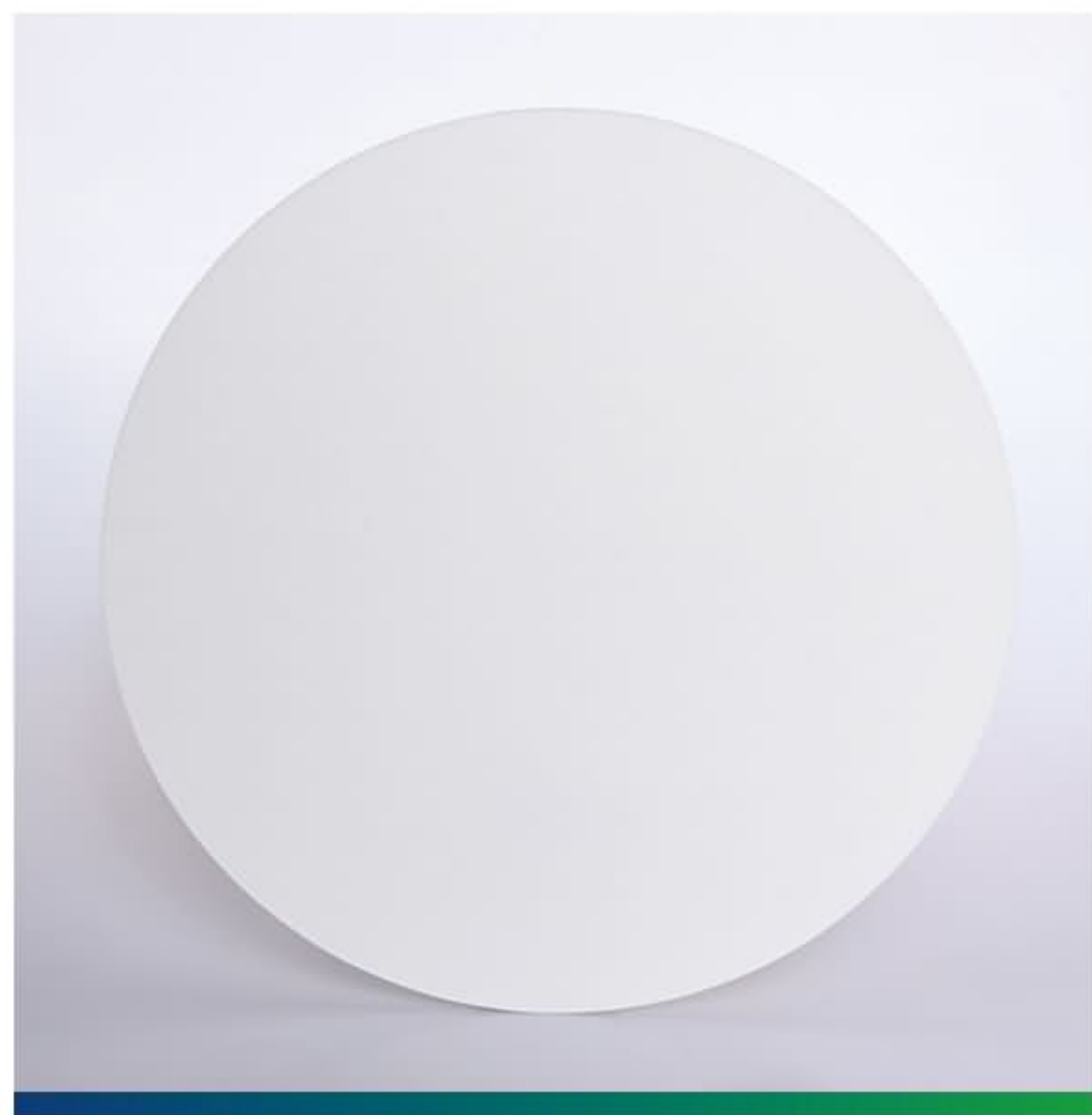
Forms of supply

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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