



Great Wall Industrial Non-woven Filter Paper For Grinding Machine Processing

The non-woven filter paper produced by Great Wall is used to filter metal particles, iron sludge and other dross in cutting fluid, emulsion, grinding fluid, grinding fluid, drawing oil, rolling oil, cool fluid, cleaning fluid.

How to select the right product? There are two questions that need to be clarified.

- 1 . Determine the material and precision of the filter paper.
- 2 . The dimensions of the filter paper roll and the inner diameter of the center hole you need.

Specific Advantages



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- High tensile strength and small coefficient of variation. Great Wall filter paper adopts fiber netting process and forming reinforcement to enhance the tensile strength and keep the initial strength and in-use strength basically unchanged.
- Wide range of accuracy and high efficiency. The combination of chemical fiber raw materials and polymer film can meet the different precision requirements of users.
- The filter material is generally not corroded by industrial oil, and basically does not change the chemical properties of industrial oil. It can be used normally in the range of -10°C to 120°C.
- High horizontal and vertical strength, good burst resistance. It can withstand the mechanical force and temperature influence of the filter equipment, and its wet breaking strength will not decrease basically.
- Large porosity, low filtration resistance, and large throughput. Improve filtration efficiency and shorten working time.
- Strong dirt holding capacity and good oil cutting effect. It can be used for oil-water separation, prolong the service life of chemical oil, reduce the consumption of filter materials and reduce the cost of filtration.

Filter Paper Performance Parameters

Model	Thickness (mm)	Weight (g/m ²)
NWN-30	0.17-0.20	26-30
NWN-N30	0.20-0.23	28-32
NWN-40	0.25-0.27	36-40
NWN-N40	0.26-0.28	38-42
NWN-50	0.26-0.30	46-50
NWN-N50	0.28-0.32	48-53
NWN-60	0.29-0.33	56-60
NWN-N60	0.30-0.35	58-63
NWN-70	0.35-0.38	66-70

Gram weight	Regular: 20g, 30g, 40g, 50g, 60g, 70g, 80g, 90g, 100g, 120g.Special: 140g-440g
Size	500mm-----2500mm (the specific width can be adjusted)
Roll length	According to customer requirements
Roll inner hole	55mm, 76mm, 78mm or according to customer requirements

Note: After the material of the filter paper is selected, it is necessary to determine the width of the filter, the roll length or outer diameter, the material and inner diameter of the paper tube.

Application Fields of Industrial Non-woven Filter Paper



- Grinding machine processing

Mainly used for cylindrical grinder/internal grinder/centerless grinder/surface grinder (big water grinder)/grinder/honing machine/gear grinder and other CNC roller grinders, cutting fluid, grinding fluid, grinding fluid, honing fluid and other industrial oils Class filtering.

- Iron and steel metallurgical processing

It is mainly used to filter the emulsion, coolant and rolling oil in the process of cold-rolled/hot-rolled plates, and it is used in conjunction with negative pressure filters such as Hoffmann.

- Copper and aluminum processing

It is mainly used to filter emulsion and rolling oil during copper rolling/aluminum rolling, and is used in conjunction with precision plate filters.

- Auto parts processing

It is mainly used in conjunction with the cleaning machine and (positive pressure, negative pressure) flatbed paper tape filter to filter cleaning fluid, cooling fluid, cutting fluid, etc.

- Bearing processing

Including filtering cutting.

- Sewage treatment

Water filtration including sewage pools, tap water pools, etc. Centralized filtration systems, or used in conjunction with filtration equipment.

Forms of Supply

Filter media can be manufactured in formats to fit your application, based on customers' requirements, the filter press sizes and types currently in use.

All customary dimensions and any other special formats are virtually available on request, circular papers, papers with various holes, and other customized.

Packaging

Great Wall filter paper are packaged in hygienic plastic bags and after that in cartons. Or packaged in rolls with plastic film. Special packaging is available on request.

Contact Us

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice.

Great Wall has strong sales team throughout the world. Please consult your Great Wall representative or visit www.filtersheets.com for more information.



Dedicated & Experienced in Filtration Industry

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