

Filter Bags

NTD has included in its supply line a wide range of filter bags, suitable for the existing filter bags in the market.



Our filter bags for liquids can be acquired in great range of materials and a great variety of rings that guarantee the suitability for most of the containers for bags in the market.

The materials they are made of have been chosen because of its purity, providing high and constant quality and performance.

The wide range of bags in the standard sizes in this field, are provided with stainless steel rings and Polyloc lids patented to offer a hermetic seal and an easy placing.

Bags are manufactured in perforated felts and with an open grid between 1 and 1.000 microns.

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Our wide range can be used in multiple applications:

1. Food processes:

Beer production, for yeast and particles removal.

Dairy products processing for clarification and protection of the final filter.

2. Chemical process:

Fine chemical filtering to obtain thick filtering.

3. Coatings and advanced photo emulsion:

Printed circuit for the line process of photo printing in a developer.

4. Process in the food industry:

Pharmaceutical liquid. Filtering to remove particules and provide visual clarity.

5. Electronic:

Carbon removal. Clarifications in Ultrapure. Water systems processes (with ozone).

The filter bags for liquids are also suitable for applications in industrial fields such as petroleum and gas, fuels, paints, bins and palm oil.

The filter bags can be designed and manufactured in a great range of shapes, sizes and configurations to satisfy the demanding needs of the customers and even to improve its performance and solutions for the application.

Grid filter bag

All grid bags are manufactured using cloth with synthetic grid.

Our filter bags with a grid made of mono filament are manufactured using a single filament grid that provides excellent strength without losing fibres.

The non-deformable filaments are woven in a specific and constant pattern and are welded by fusion to give it more resistance.

The single filament grid bags provide mechanical resistance and abrasion resistance.

Available in standard sizes and customized to adapt perfectly to standard and exclusive applications.

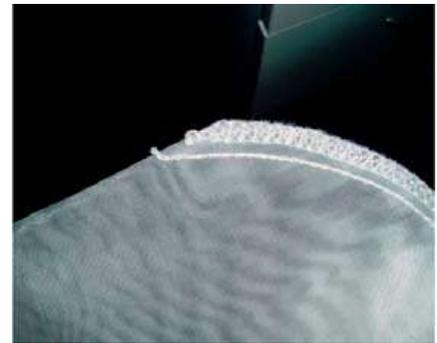
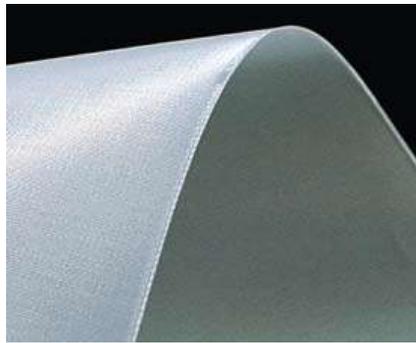
They are offered at levels from 1 to 1.000 microns with plastic and stainless steel rings for greater versatility.

Their compact construction allows throwing them away easily and reducing costs

Avoids contamination while they are replaced and so less water is wasted.

Available materials: open file with monofilament de nylon.

Available sizes for NMO microns 25, 50, 80, 100, 125, 150, 200, 250, 300, 400, 600, 800, 1000			
Bag size	Dimensions	Ring material	
PS1	7" x 16"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED
PS2	7" x 32"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED
PS3	4" x 8,25"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED
PS4	4" x 14"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED



Felt filter bag

On the other hand, felt filter bags, which work according to the filtering in depth principle, are efficient to remove solid and gelatinous particles.

Our welded joints remove the possibility of transference through holes as large as a needle.

All felt filter bags that are welded present heat-sealing and ultrasonic sealing, what adds a double protection to the filter bag.

The wide range of exclusive supports provides an excellent filtering performance and greater consistency.

It is offered at levels from 1 to 200 microns with plastic and stainless steel rings for greater versatility.

Standard sizes and customized to provide more versatility.

They are offered with plastic rings and stainless steel rings in order to get better temperature compatibility.

They are manufactured welded or sewn.

It's easy replacement reduces the inactivity time.

As they are compact, they can be thrown away easily.

The contaminants are trapped inside the bag to obtain clearer results.

High dirt retention capacity and capacity to remove gelatinous particles.

Available materials: Polyester / Polypropylene

Available sizes for felt micron 1, 5, 10, 25, 50, 75, 100, 150, 200			
Bag size	Dimensions	Ring material	
PS1	7" x 16"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED
PS2	7" x 32"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED
PS3	4" x 8,25"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED
PS4	4" x 14"	Plastic ring PET/PP	WELDED
		Steel ring CS/SS	SAWED