FILTER BAGS

PP FILTER BAG

[Product Description]

PP filter bag is a kind of bag filter elements made of PP and is mainly used in the fields of petrochemical, paint, biological medicine, automobile manufacturing, food beverage and industrial dust removal.

[Advantages]

This filter material forms a stereoscopic, highly fluffy three-dimensional depth and a tortuous filter layer, featuring loose fiber tissue and greatly enhanced the bearing capacity of impurities. It can effectively remove both solid and soft particles. That is, larger particles are trapped in the fiber surface, while fine particles are captured in the deep layer of the filter material to ensure that the filter bag will not be damaged due to increased pressure during use. Therefore, it has a high filtration efficiency. In addition, the high temperature surface heat treatment, i.e., the application of instant sintering technology or calendaring treatment, can effectively prevent the dissipation of fibers by the high-speed impact of liquid during filtration. It not only ensures that no filtrate pollution caused by fiber shedding occurs, but also avoids the shortening of filter bag life due to excessive blockage of filter holes caused by the traditional roller processing, while the differential pressure is small and does not affect the flow rate.

Technical Data

[Sewing Method]:	Ultrasonic welded or sewn
[Seal ring]:	PP (SDS, G ring, F ring and W ring, etc.), galvanized steel ring or stainless steel ring
[Seal ring connection]:	Ultrasonic welded or sewn
[Filter rating]:	0.2-500 μm
[Efficiency]:	Relative accuracy, 85% single filtration efficiency
[Surface treatment]:	Surface smooth treatment to prevent free fibers and solvents
[Material grade]:	Free of silicon and other types of contaminants.
[Replacement]:	0.10 MPa replacement differential pressure, not greater than 0.18 MPa.

[Application]

- Electronics
- Pharmaceuticals
- Paints
- Inks
- Semiconductors
- Food
- Pulp & paper
- Resin
- Chemicals
- Beverage
- Automotive manufacturing
- Water treatment

Item	Dimensions (mm)	Flow rating (m^3/h)	Filter Area (m^2)	Volume (L)
1	Φ180 × 430	20	0.24	8
2	Φ180 × 810	40	0.48	17
3	Φ105 × 230	6	0.08	1.3
4	Φ105 × 380	12	0.16	2.6
5	Φ150 × 560	20	0.24	8

PE FILTER BAG

[Product Description]

PE filter bag is made from 100% PE filter cloth with filter rating ranging from 0.5 μm to 300 μm. Compared with PP filter bags, PE polyester filter bag has higher filtration accuracy and better efficiency. The same as PP non-woven filter bags, PE filter bags are also divided into all-sewn filter bags, all-welded filter bags and welded steel ring filter bags. Seal rings can be made of stainless steel rings, galvanized steel ring or PE plastic rings.

[Advantages]

- High flow, low pressure drop.
- 0.10 MPa replacement differential pressure, not greater than 0.18 MPa
- Wide range of chemical compatibility.

Technical Data

[Sewing Method]:	Ultrasonic welded or sewn
[Seal ring]:	PE (SDS, G ring, F ring and W ring, etc.), galvanized steel ring or stainless steel ring.
[Seal ring connection]:	Ultrasonic welded or sewn
[Filter rating]:	0.5-300 μm
[Efficiency]:	Relative accuracy, 85% single filtration efficiency
[Surface treatment]:	Surface smooth treatment to prevent free fibers and solvents
[Material grade]:	Free of silicon and other types of contaminants
[Replacement]:	0.10 MPa replacement differential pressure, not greater than 0.18 MPa

[Application]

- Electronics
- Pharmaceuticals
- Paints
- Inks
- Semiconductors
- Food
- Pulp & paper
- Resin
- Chemicals
- Beverage
- Automotive manufacturing
- Water treatment

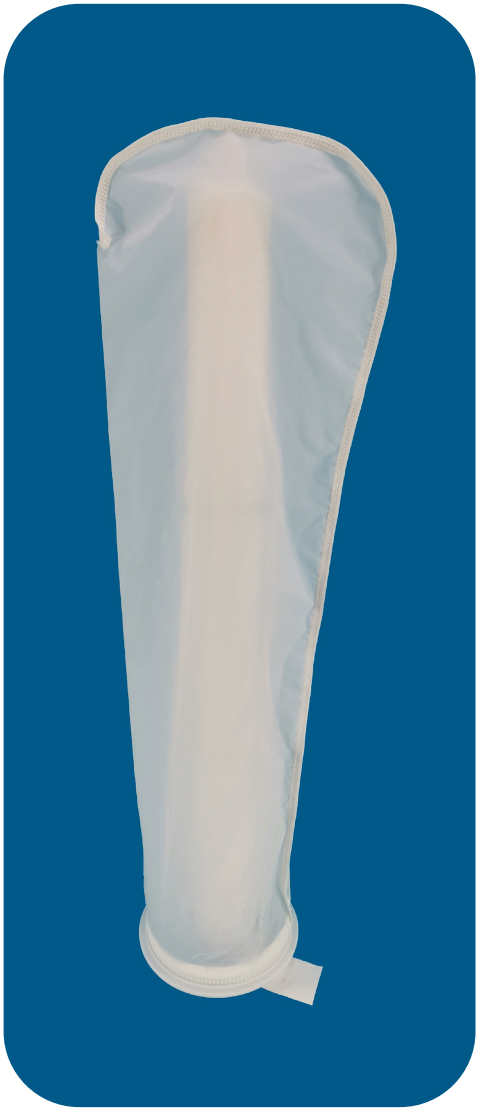
Item	Dimensions (mm)	Flow rating (m^3/h)	Filter Area (m^2)	Volume (L)
1	Φ180 × 430	20	0.24	8
2	Φ180 × 810	40	0.48	17
3	Φ105 × 230	6	0.08	1.3
4	Φ105 × 380	12	0.16	2.6
5	Φ150 × 560	20	0.24	8

NMO FILTER BAG

[Product Description]

Industrial standard monofilament material offers stable and firm pores and is designed to filter hard particles. The widely used material is nylon.

NMO is specially designed for paints and inks to capture free silicon and oils with its unique treatment process.



Technical Data

[Seal ring]:	PE (SDS, G ring, F ring and W ring, etc.), galvanized steel ring or stainless steel ring.
[Seal ring connection]:	Ultrasonic welded or sewn
[Filter rating]:	20-60, 80-250, 300-400, 500 mesh
[Efficiency]:	Relative accuracy, 85% single filtration efficiency.
[Surface treatment]:	Heat setting, no free fiber and extract
[Material grade]:	Free of silicon and other types of contaminants
[Replacement]:	0.10 MPa replacement differential pressure, not greater than 0.18 MPa

[Advantages]

- Wide range of filter ratings
- High flow, low pressure drop
- Wide range of chemical compatibility

[Application]

- Automotive coatings & paints
- Catering
- Water purification and water treatment
- Fine chemicals
- Pharmaceuticals
- Petrochemicals

Item	Dimensions (mm)	Flow rating (m^3/h)	Filter Area (m^2)	Volume (L)
1	Φ180 × 430	20	0.24	8
2	Φ180 × 810	40	0.48	17
3	Φ105 × 230	6	0.08	1.3
4	Φ105 × 380	12	0.16	2.6
5	Φ150 × 560	20	0.24	8

PTFE FILTER BAG*

[Product Description]

PTFE filter bag is a kind of special filter bag due to its excellent resistant to high temperature, acids, bases, corrosion and smooth surface. It leverages good filtration effects in special chemical industries and extreme operating conditions. It is suitable for highly corrosive industry filtration with a pH value ranging from 1 to 14.

Technical Data

[Sewing Method]:	Sewn
[Seal ring]:	PTFE or stainless steel ring
[Seal ring connection]:	Sewn
[Filter rating]:	0.5, 1, 5, 10, 25 μm
[Efficiency]:	Relative accuracy, 85% single filtration efficiency
[Surface treatment]:	Surface smooth treatment to prevent free fibers and solvents
[Material grade]:	Free of silicon and other types of contaminants
[Replacement]:	0.10 MPa replacement differential pressure, not greater than 0.18 MPa

[Application]

- Chemicals
- Pesticide
- Metallurgy
- Chemical fiber
- Pharmaceuticals
- Dyeing, coking

[Advantages]

1. PTFE film is used. High durability performance of filter bag
2. Strong chemical resistance, long filter bag life.
3. Needle-punched PTFE netting structure, good stability, resistant to mechanical damage during use.

Item	Dimensions (mm)	Flow rating (m^3/h)	Filter Area (m^2)	Volume (L)
1	Φ180 × 430	20	0.24	8
2	Φ180 × 810	40	0.48	17
3	Φ105 × 230	6	0.08	1.3
4	Φ105 × 380	12	0.16	2.6
5	Φ150 × 560	20	0.24	8

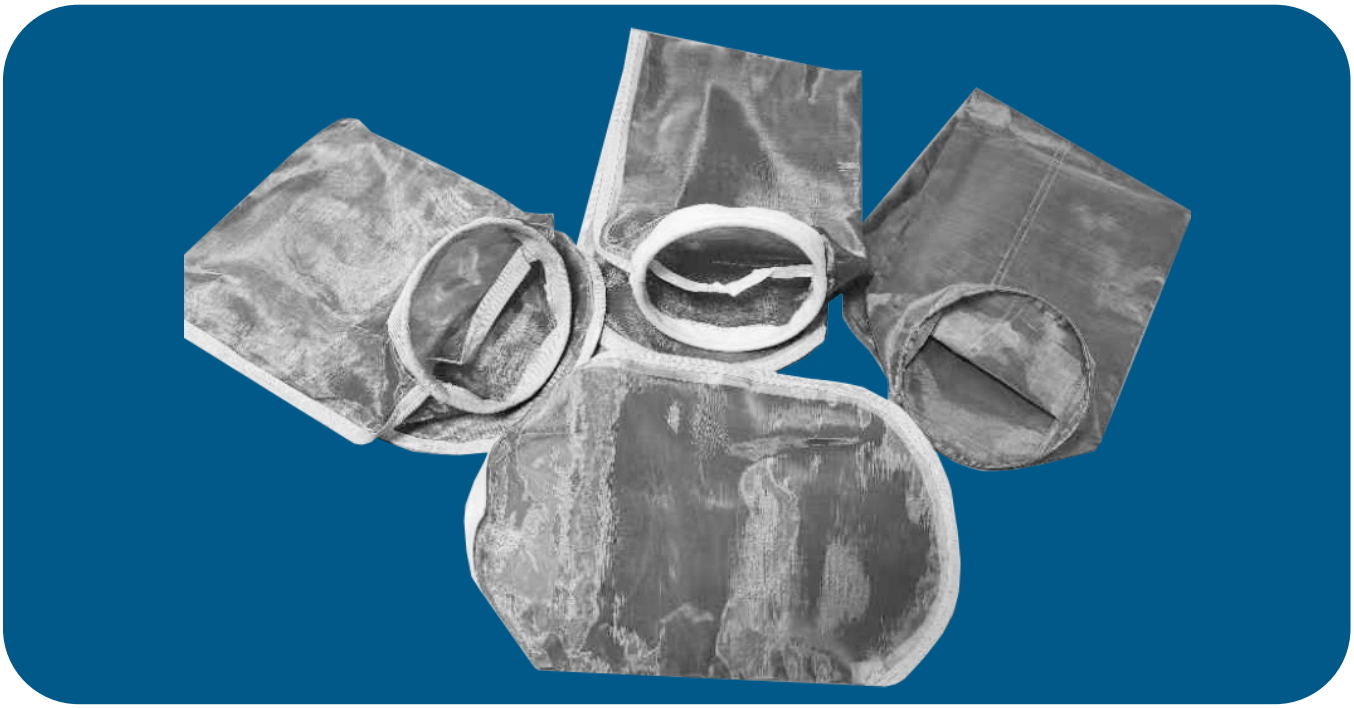
STAINLESS STEEL FILTER BAG*

[Product Description]

Made of 304 and 316L, stainless steel filter bags are your ideal choice for filtering high pollution materials and high temperature hard particles due to its smooth surface, easy to clean and reusable features. In addition, stainless steel filter bags are high quality and can get at a cost-effective price. Special dimensions can be customized, all raw materials are scientifically tested and play an important role in filtration.

[Advantages]

It is a good choice for the prefiltration of liquids with high impurity content due to its high temperature resistance, reusable features after washing and low consumption use costs.



[Advantages]	• Fine chemicals	• Water treatment	• Paints

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1	Φ180 × 430	20	0.24	8
2	Φ180 × 810	40	0.48	17
3	Φ105 × 230	6	0.08	1.3
4	Φ105 × 380	12	0.16	2.6
5	Φ150 × 560	20	0.24	8

LCR OIL ADSORPTION FILTER BAG*

[Product Description]

Oil absorption filter bag adopts multi-layer structure:

The outer layer is the filter layer, the precision can reach 0.2-300 μm, the conventional use of 25 μm;

The sealing ring can be made of PP, PE, galvanized, SS304, etc;

The inner non-woven protective layer is used to protect the core oil-absorbing cotton, the core layer is composed of 200-400 g oil-absorbing cotton, the oil-absorbing effect can reach 10-17 times of its own weight.

[Advantages]

The core of high quality oil-absorbing filter bag is the internal oil-absorbing cotton, which has good lipophilicity and can achieve better oil removal and filtration effect.

[Application]

- Electrophoretic paint coating line
- Automobile production painting line
- Spray water oil removal filtration
- Waste water treatment before discharging
- Metal casting
- Circuit board production circulating water
- Protection before ultrafiltration

Item	Dimensions (mm)	Flow rating (m^3/h)	Filter Area (m^2)	Volume (L)
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