

## Filter Bag

### ❖ Description

Shanghai Junyi Filter supply the Liquid Filter Bag to remove the solid and gelatinous particles with micron ratings between 1um and 200um. The uniform thickness, stable open porosity and sufficient strength ensure the more stable filtration effect and longer service time.

The three-dimensional filter layer of PP/PE filter bag makes the particles stay on the surface and deep layer when the liquid flows through the filter bag, having a strong dirt holding capacity.

Material	PP, PE, PTFE, Nylon, Woven fabric, Stainless steel, etc.
Micro rating	0.5um/ 1um/ 5um/10um/25um/50um/100um/200um, etc.
Collar ring	Stainless steel, plastic, galvanized.
Suture method	Sewing, Hot melt, Ultrasonic.
Model	1#, 2#, 3#, 4#, 5#, 9#, customized support.

### ❖ Product features



Can resist acid and alkali  
organic solvent and  
good tensile strength



Efficient oil  
absorption capacity



Filtering and purifying fluid  
to remove impurities



A wide range of filter  
material chemical  
compatibility



Reusable and  
easy to clean



Total new material  
increase extra 20%  
working life

## Product details



**PP filter bag**

It has the features of high mechanical strength, acid and alkali resistance, in-deep filtration.

Suitable for general industrial liquid such as electroplating, ink, coating, food, water treatment, oil, beverage, wine, etc;



**NMO filter bag**

It has the features of good elasticity, corrosion resistance, oil resistance, water resistance, wear resistance, etc;

It is widely used in industrial filtration, paint, petroleum, chemical, printing and other industries.



**PE filter bag**

It is made of polyester fiber filter cloth, deep three-dimensional filtering material.

Mainly used for filtering oily liquids such as vegetable oil, edible oil, diesel, hydraulic oil, lubricating oil, animal oil, ink, etc



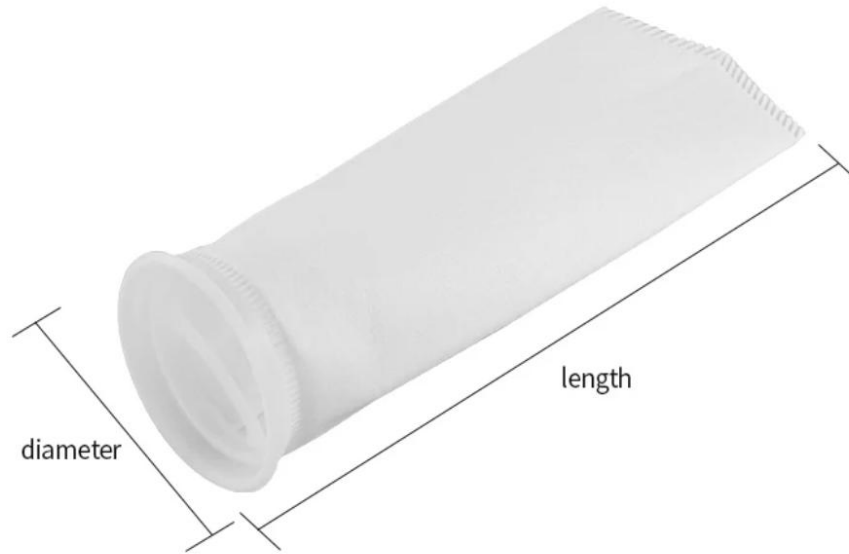
**Stainless steel filter bag**



**PTFE coated filter bag**



**Oil absorption filter bag**



### ❖ Liquid filter bag specification (Support customization)

Model	Diameter of bag mouth		Length of bag body		Theoretical Flow m <sup>3</sup> /h	Filtration Area m <sup>2</sup>
	mm	inch	mm	Inch		
1#	Φ180	7"	430	17"	18	0.25
2#	Φ180	7"	810	32"	40	0.5
3#	Φ105	4"	230	9"	6	0.09
4#	Φ105	4"	380	15"	12	0.16
5#	Φ155	6"	560	22"	18	0.25

Note: The above flow is based on the water at the normal temperature and normal pressure and it will be affected by the types of the liquid, pressure, temperature and turbidity.

### ❖ Micron and mesh conversion table

Micro / um	1	2	5	10	20	50	100	200
Mesh	12500	6250	2500	1250	625	250	125	63

## ❖ Chemical resistance of liquid filter bag

Material	Polyester (PE)	Polypropylene (PP)	Nylon (NMO)	PTFE
Strong acid	Good	Excellent	Poor	Excellent
Weak acid	Very good	Excellent	General	Excellent
Strong alkali	Poor	Excellent	Excellent	Excellent
Weak alkali	Good	Excellent	Excellent	Excellent
Solvent	Good	Poor	Good	Very good
Abrasive resistance	Very good	Very good	Excellent	Poor

