Needle Felt Filter Bag

PP/PE/PTFE Series

Description

Needle felt filter bag is made of 100% ultra-fine pure fiber needle felt with three-dimensional deep filtration structure. It is highly fluffy, has a tortuous interior, and has super air permeability and high dirt holding capacity. It can effectively capture fine solid particles and colloidal particles, and is not easy to block. The surface of the felt cloth adopts high temperature heat treatment, singeing and calendering treatment to avoid pollution caused by fiber shedding, and to avoid the excessive blockage of the filter holes caused by the traditional rolling treatment and shorten the service life. The filter bag is available in different materials such as pure PP, polyester and PTFE to meet your different filtering needs.





V shaped



Arc-shaped



U shaped

Technical Parameters

Materials of Construction	Filter Membrane	PP/PE/PTFE Needle Felt
	Connection Material	PP/Polyester/Stainless Steel
	Technique	Wire Stitching/Hot-melt
Filter Dimensions	Bag 1	Φ7″×17″ L ; 0.25 ㎡
	Bag 2	Φ7″×32″ L; 0.50 ㎡
	Bag 3	Φ4″×9″ L; 0.09 ㎡
	Bag 4	Φ4″×15″ L; 0.16 ㎡
	Bag 5	Φ6″×22″ L; 0.24 ㎡
Operating Conditions	Operating Temperature	PP < 80℃ PE < 160℃ PTFE < 240℃

Features

- High permeability and high dirt holding capacity
- No hair removal on the surface, no chemical release
- Hot-melt seamless welding
- Material does not contain silicone oil
- High flow rate, low pressure difference

Typical Applications

- Prefiltrration of water treatment
- Food and beverage industry
- Filtration of pretreatment precleaning, electrophoretic paint,s pray water, circulating water, etc. in the automotive industry
- Solvent purification and treatment, resin and wastewater treatment, etc. in the paint industry
- Water treatment for biopharmaceutical industry

Ordering Information*

	Material	Pore Size	Outer Filter Cloth	Dimension	Interface Ring Material	Ring Shape (Plastic Ring)	Bottom Shape
FB	PO=PP Needle Felt PE=Polyester Needle Felt PTFE	025 = 25μm 050 = 50μm 075 = 75μm 100 = 100μm 200 = 200μm 300 = 300μm 400 =400μm 500 =500μm	P=Non PM=PP Multifilament Cloth EM=Polyester Multifilament Cloth	01=Bag 1(Φ7"*17"L) 02=Bag 2(Φ7"*32"L) 03=Bag 3(Φ4"*9"L) 04=Bag 4(Φ4"*15"L) 05=Bag 5(Φ6"*22"L)	P=PP Ring E=Polyester Ring S=Stainless Steel Ring	Blank= Ectropion V=Entropion	Blank= Arc-shaped U=U shaped C=V shaped

*This ordering information is a guide for selecting filter element specifications. For other special connections or installation details, please contact MS.

USA
Address: 4530 B STREET NW #A| Auburn | WA 98001
Toll free: 1-866-528-4572 Fax: 1-732-412-4040

China
Address: 2202, No.1759 North Zhongshan Road, Shanghai
Tel: 0086-21-61478117 Fax: 0086-21-51687551 Email: info@membrane-solutions.com

Website: www.membrane-solutions.com