



Needle Felt Filter Bag

Overview

Needled felt is the most common media used in economic disposable bag filters. Its fibers are locked together when they pass through beds of special barbed needles, entangling them into a strong matrix. The downstream side is singed using a special heat process to eliminate fiber migration. This rugged media is ideal for fabrication by both sewing and welding.

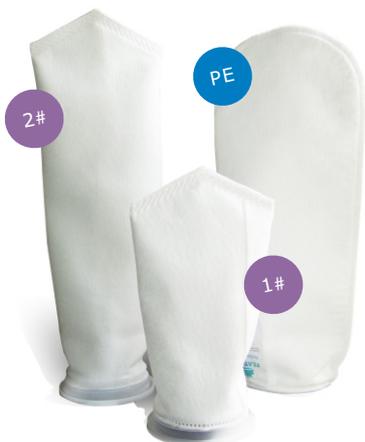
Available in a wide range of materials, needled felts can be used in a vast range of liquids and gases of low to medium viscosity. They can be applied to remove hard particles or, in some cases, soft particles and gels. Feature-Tec offers needled felts in PO, PE, PA and PTFE in the full range of bag sizes.



Features

- Needling and heat singeing lock fibers into the media.
- Available in fully welded construction to eliminate bypass.
- Effective on both low and medium viscosity liquids.
- Removes soft and hard particles even at high flow rates.
- NT and PTFE available for high temperature or aggressive fluid applications.
- Seal options include both plastic rings and economical stainless steel.

	Filter area (m ²)	Diameter (mm)	Length (mm)
No.1	0.25	178	420
No.2	0.48	178	810
No.3	0.09	102	230
No.4	0.16	102	410



PO	S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent	< 90°C
PE	S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent	< 140°C
NT	S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent	< 220°C
PTFE	S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent	< 240°C

	Media Rating (µm)	001	005	010	025	050	080	100	125	150	175	200
PO		●	●	●	●	●		●		●		●
PE		●	●	●	●	●		●		●		●
NT		●	●	●	●	●		●				
PT		●	●	●								

Applications

- Membrane prefiltration
- Syrups
- Recycled water
- Lubricating oils
- Electrophoretic paint and plating solutions
- Amines
- Gum resins and solvents
- Chemicals
- Powders

Order Information

PO	1	P	02	P	B
Code:	Media Rating:	Cover:	Bag Size:	Ring:	Ring Type:
PO	1	P - Plain	01 - No.1	P - PP	B - Beato Ring
PE	5	N - Nylon Mesh	02 - No.2	W - PE	E - E Type Ring
NT	10		03 - No.3	S - SS	F - F Type Ring
PT	...		04 - No.4	Z - CS Galv	
	200				

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