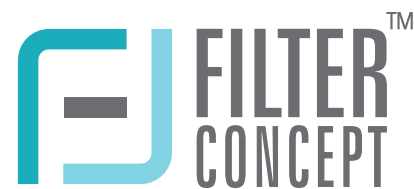


# Filter Bag

NON-WOVEN MICRON FELT FILTER BAGS - EXTENDED LIFE CLASS



www.filter-concept.com



## FCI DOUBLE SEAL (SDS Bag Seal)

- **Automatic Installation** : No need for manual installation.
- **Double Seal** : Double seals to prevent liquid bypass.
- **Pressure Seal** : Much advanced than traditional; mechanical seal.
- **Collapse Free** : Thick wall design to resist deformation under excessive pressure
- **Universal Compatibility** : Fits and seals in most brands of standard bag housings.

## FEATURES

- FDA compliant none-woven felt. 100% free of silicon contamination
- Double-layer composite media. 30% service life extension
- 1 - 200 micron range, nominal rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Broad chemical compatibilities
- Fiber migration & extractable free media treatment
- Large contaminant retention capacities, extended service lives
- Change-out pressure differential 0.10 MPa, Max. 0.16 MPa

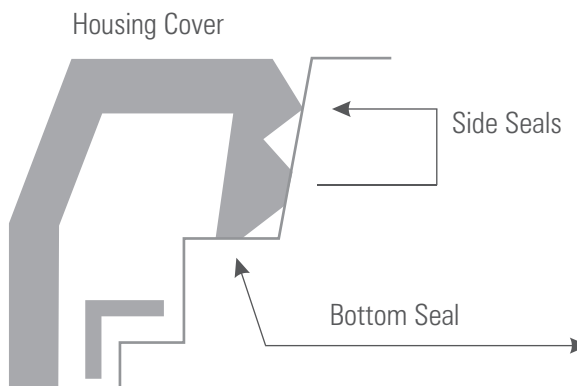
## TECHNICAL SPECIFICATIONS

Filter Size	Media Availability	Media Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m <sup>2</sup> )	Volume (Liter)	Housing Used
Size 1	PP, PE	Non -Woven	Welded/Stitched	420	180	0.25	8.0	FCISBF-M-717S1/S2/S3
Size 2	PP, PE	Non -Woven	Welded/Stitched	820	180	0.50	17.5	FCISBF-M-732S1/S2/S3
Size 3	PP, PE	Non -Woven	Welded/Stitched	230	100	0.09	1.5	FCISBF-M-410S1/S2/S3
Size 4	PP, PE	Non -Woven	Welded/Stitched	380	100	0.15	2.5	FCISBF-M-417S1/S2/S3
Size 5	PP, PE	Non -Woven	Welded/Stitched	510	150	0.25	8.0	FCISBF-M-620S1/S2/S3

## PRODUCT CATEGORIES

- FCIPPE - Polypropylene Micron Felt Bags, Extended Life
- FCIPEE - Polyester Micron Felt Bags, Extended Life

The primary filter layer is made of non-singed media, leaving all pore openings on the felt unblocked, effective in slowing down the premature formation of filter cakes, thus successfully extend filter's service life. A layer of spunbound material is used as protective cover to prevent fiber migration. Lab tests show that the average service life is 18% to 30% longer than standard PP and PE bags, depending on application conditions.



## TYPICAL APPLICATIONS

- Auto coating & paint
- Water purification & processing
- Pharmaceutical
- Food & beverage
- Bulk & fine chemicals
- Electronics

## Filter Concept Inc.,

(An ISO 9001 : 2000 Certified Company)

Corporate Office : 302, 'AALIN' Opp. Gujarat Vidhyapith, B/h. Jet Airways Office, Nr. Ajanta Commercial Center, Ashram Road, Ahmedabad - 380 014, Gujarat, India

Unit : A-6, Pushparaj Estate, B/h. City Gold Theatre, Anil Starch Roadm Saraspur, Ahmedabad-380 018, Gujarat, India.

Ph. No. +91 79 27540069, 27541602, 27540592, 32918518 Fax : + 91 79 27540801

Email : info@filter-concept.com Website : www.filter-concept.com

