

# Filter Bag

NON-WOVEN MICRON FELT FILTER BAGS - STANDARD CLASS

**FILTER CONCEPT**<sup>TM</sup>  
www.filter-concept.com



## PRODUCT CATEGORIES

FCIPPSG - Polypropylene Micron Felt Bags, Standard Class

FCIPESG - Polyester Micron Felt Bags, Standard Class

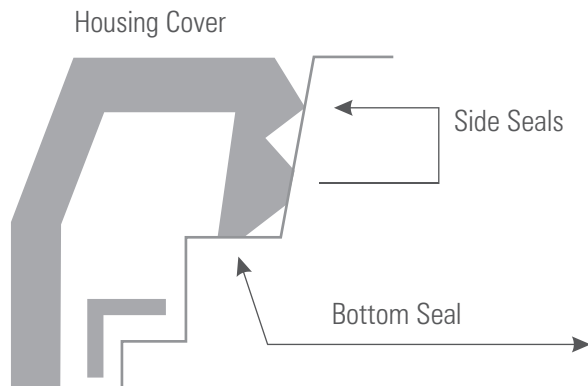
Made of non-woven micron felt bag filters. Single side singed/glazed to prevent loose fiber migration.

## 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
- Single layer depth media composites
- 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



## TYPICAL APPLICATIONS

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

## 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	None-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

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(An ISO 9001 : 2000 Certified Company)

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