

Filter Bag

PLEATED MICRON FELT FILTER BAGS



PRODUCT CATEGORIES

- FCIPXP - Polypropylene Composite Bags, Pleated
- FCIEXP - Polyester Composite Bags, Pleated

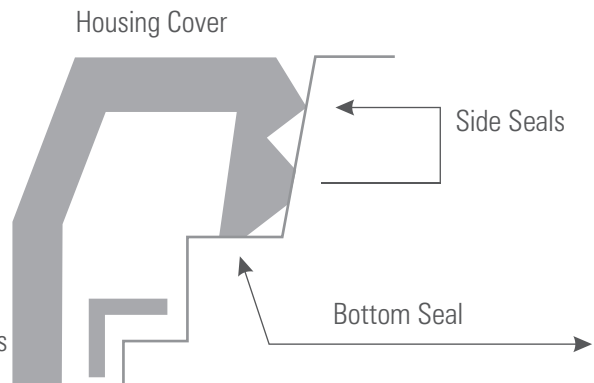
Consist of a series of pleated micron felts with depth graded pore opening structure. The filter surface area is 2.5 times larger than industrial standards, it's filter media depth is eight times thicker. With both the filter surface area and filter media depth improved, the Pleated Micron Felt bags not only improve dirt-loading capacity by 200%, but also improve the flow rate significantly.

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

- Increased filter surface area by 250% comparing to industrial standards
- Significantly improved flow rate and reduced pressure drop
- Significantly increased contaminant retention capacities & extended service lives
- Exclusively FDA compliant filter media.
- Multiple layer depth media composites
- 1 ~ 100 micron range, nominal rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Broad chemical compatibilities
- Fiber migration & extractable free media treatment
- Change-out pressure differential 0.12 MPa, Max. 0.20 MPa
- Recommended flow rate: #1 @ 10 MT/Hr, #2 @ 22 MT/Hr



TYPICAL APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Filter Size	Media Availability	Media Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m ²)	Volume (Liter)	Housing Used
Size 1	PP, PE	Micro Felt	Ultrasonic Welded	420	180	0.63	8	FCISBF-M-717S1/S2/S3
Size 2	PP, PE	Micro Felt	Ultrasonic Welded	820	180	1.25	17.5	FCISBF-M-732S1/S2/S3

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