

# Filter Bag

POLYPROPYLENE ABSOLUTE FILTER BAGS



## PRODUCT CATEGORIES

- FCIAPM - Polypropylene Composite Matrix Bags, Absolute Class

### 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.

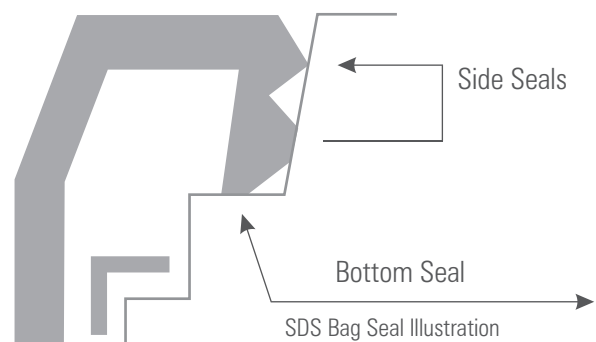
### FEATURES

- Exclusively FDA compliant Polypropylene microfiber matrix, Silicon free. Non-foaming. Low TOC content
- Multiple layer depth composites matrix
- 0.5 ~ 50 micron range. 98% absolute rating
- High oil adsorbent capabilities. Capable of adsorbing and retaining trace oil upto twenty-five times of APMs' own dry weight.
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Broad chemical compatibilities
- Fiber migration & extractable free media treatment
- High flow rate, low pressure drop
- Recommended flow rate: #1 @ 6 MT/Hr, #2 @ 12 MT/Hr
- Change-out pressure differential 0.12 MPa, Max. 0.20 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	Matrix	Ultrasonic Welded	420	180	0.63	8	FCISBF-M-717S1/S2/S3
Size 2	PP	Matrix	Ultrasonic Welded	820	180	1.25	17.5	FCISBF-M-732S1/S2/S3

Housing Cover



### TYPICAL APPLICATIONS

- Auto coating & paint
- Water purification & processing
- Wastewater treatment
- Pharmaceutical
- Food & beverage
- Fine chemicals
- Petro-chemical
- Electronics & semiconductor

## 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

