

Filter Bag

PLEATED FILTER BAGS



PRODUCT CATEGORIES

FCIOAP - Polypropylene Oil Adsorbent Bags, Pleated Oil Adsorbent Pleated Bags (OAP) consists of two primary composite layers:

I. **Pleated oil adsorbents** : The weight and the filter surface area are both 2.5 times larger than our standard PPAB bags. OAP not only improves oil adsorbing capability by 250%, but also significantly improves the flow rate.

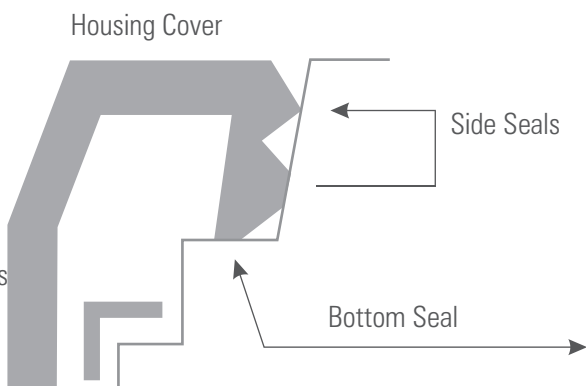
II. **Pleated micron felt** : Designed as primary filter Layer for effective contaminant retentions.

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
- Oil adsorbent weights 2.5 times heavier than industrial standards. Retains oil up to 23 times of its own dry weight
- 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
- WestWater processing

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 Fiber	Ultrasonic Welded	420	180	0.63	8	FCISBF-M-717S1/S2/S3
Size 2	PP, PE	Micro Fiber	Ultrasonic Welded	820	180	1.25	17.5	FCISBF-M-732S1/S2/S3

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