

# Filter Bag

## PLEATED FILTER BAGS



### PRODUCT CATEGORIES

FCIOAP - Polypropylene Oil Adsorbent Bags, Pleated Oil Adsorbent Pleated Bags (OAP) consist 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.

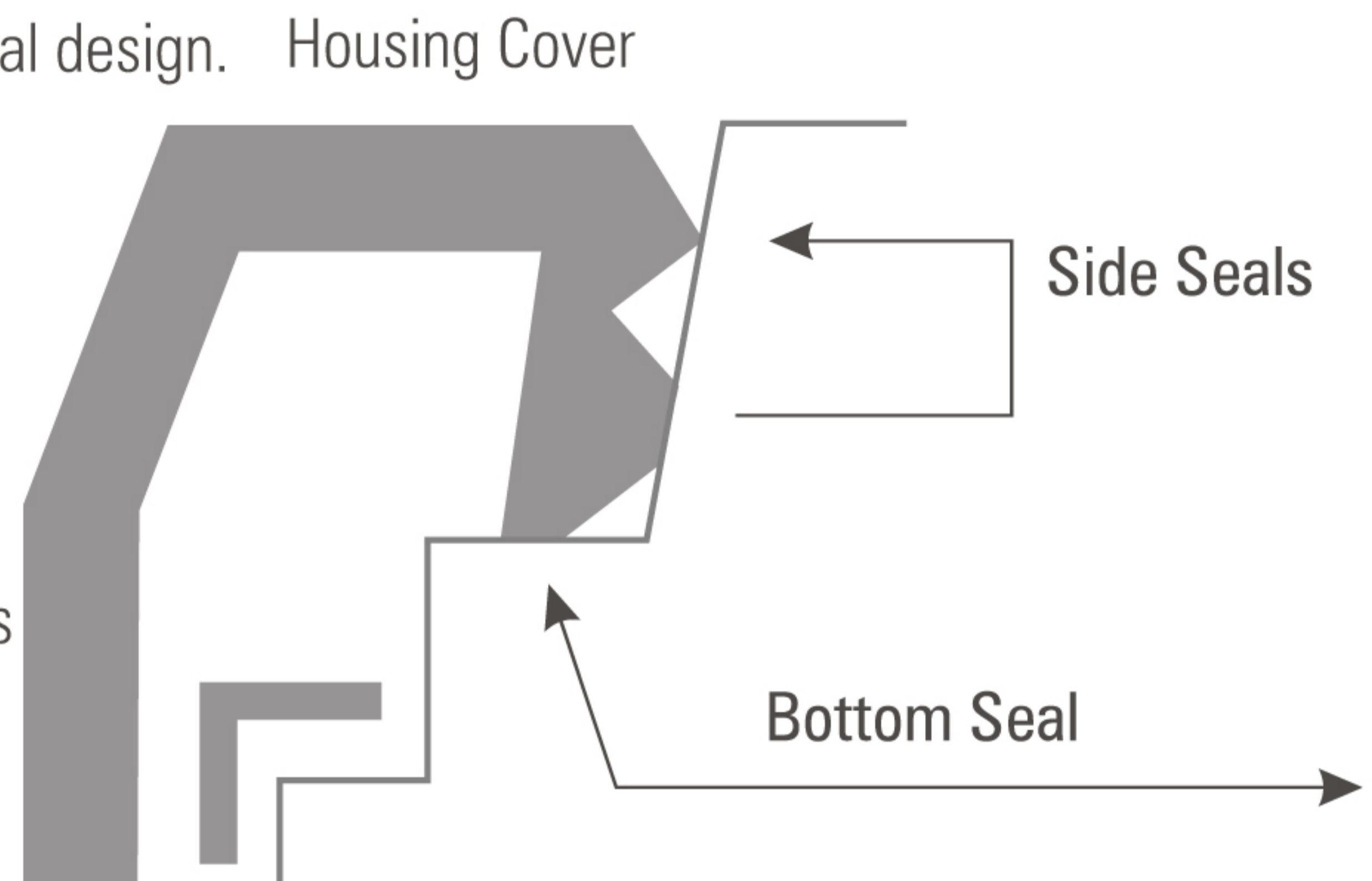
II. Pleated micron felt : Designed as primary filter Layer for effective contaminant retentions.

### FCI DOUBLE SEAL (SDS Bag Seal)

- Easy for Installation : Its SDS seal easily fits within the cage.
- Double Seal : Double seals to prevent liquid bypass.
- Pressure Seal : Much advanced than traditional design; mechanical seal design.
- 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% compared to industrial standards
- Significantly improved flow rate and reduced pressure drop
- Significantly increased contaminant retention capacities & extended service lives
- Oil adsorbent weight 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
- Wide chemical compatibilities
- Fiber migration & extractable free media treatment
- Change-out differential pressure 0.12 MPa, Max. 0.20 MPa
- Recommended flow rate: #1 @ 10 MT/Hr, #2 @ 22 MT/Hr



### TYPICAL APPLICATIONS

- Auto coating & paint
- Wastewater processing

### TECHNICAL SPECIFICATIONS

Filter Size	Media Availability	Media Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m <sup>2</sup> )	Volume (Litre)	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

## Filter Concept Pvt. Ltd.

(An ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 and CE Certified Company) Products Manufacturing in Accordance With the Requirement Of The ASME Boiler & Pressure Vessel Code "U", "UM", "NB" & "R"

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