

Filter Bag

PLEATED MICRON FELT FILTER BAGS



PRODUCT CATEGORIES

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

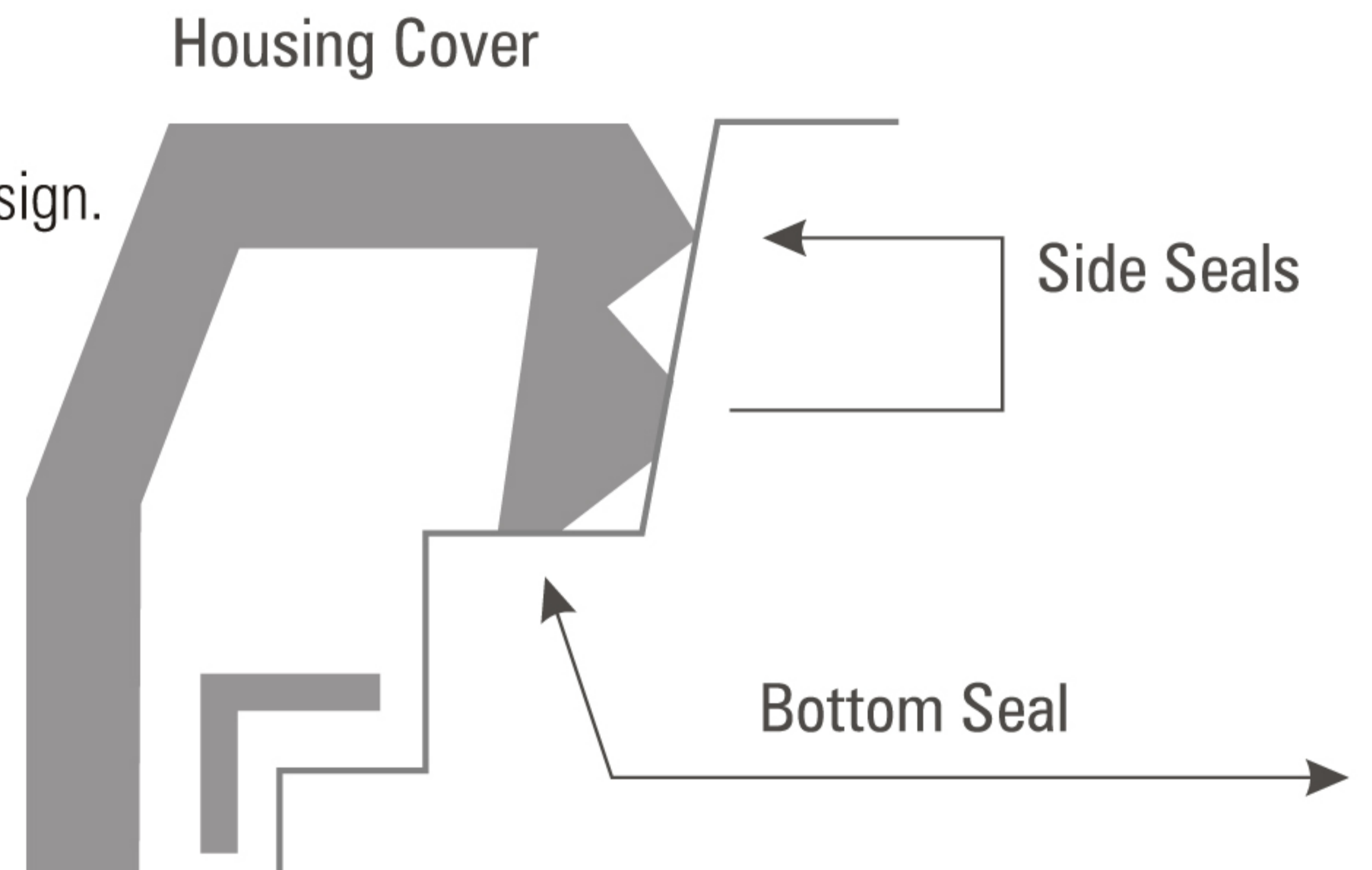
Consist of a series of pleated micron felts with depth graded pore opening structure. The filter surface area is 2.5 times larger than industrial standards & its filter media depth is eight times thicker. With Improvisation in both the filter surface area and filter media depth, dirt holding capacity and flow rate can be improved significantly

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
- 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
- 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 (Litre)	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 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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