

Filter Bag

NON-WOVEN MICRON FELT FILTER BAGS - EXTENDED LIFE CLASS



PRODUCT CATEGORIES

- FCIPPE - Polypropylene Micron Felt Bags, Extended Life
- FCIPEE - Polyester Micron Felt Bags, Extended Life

The primary filter layer is made up of non-singed media, leaving all pore openings on the felt unblocked, which slows down the premature formation of filter cakes, there by successfully extending the filter's service life. A layer of spunbound material is used as protective cover to prevent fiber migration. Lab tests show that the average service life is 18% to 30% longer than standard PP and PE bags, depending on application conditions.

FCI DOUBLE SEAL (SDS Bag Seal)

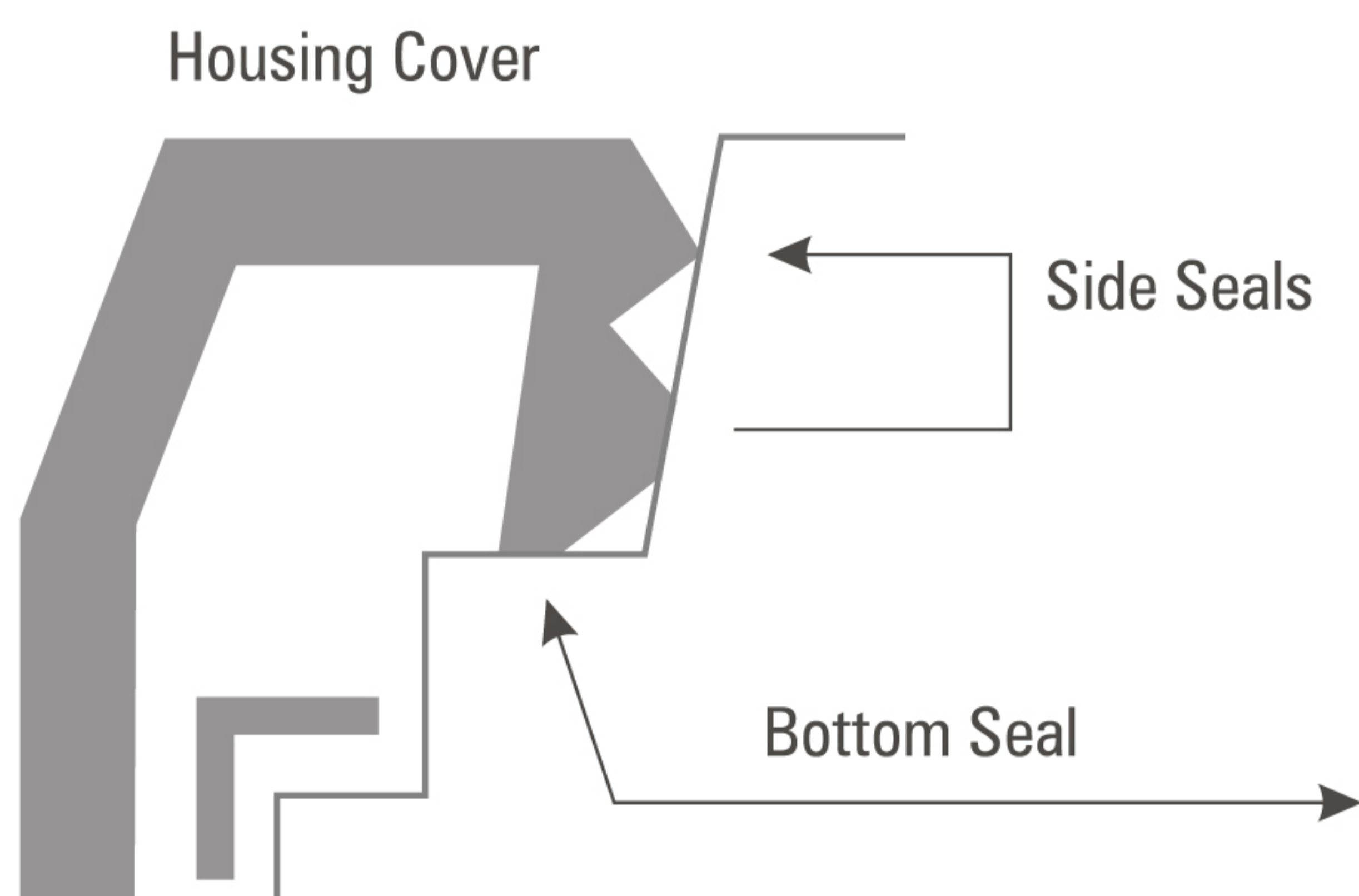
- Easy for Installation : Its SDS seal easily fits within the cage.
- Double Seal : Double seals to prevent liquid bypass.
- Pressure Seal : Much advanced than traditional design; mechanical seal design.
- Collapse Free : Thick wall design to resist deformation under excessive pressure
- Universal Compatibility : Fits and seals in most brands of standard bag housings.

FEATURES

- FDA compliant non-woven felt. 100% free from silicon contamination
- Double-layer composite media. 30% service life extension
- 1 - 200 micron range, nominal rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Wide chemical compatibilities
- Fiber migration & extractable free media treatment
- Large contaminant retention capacities, extended service lives
- Change-out differential pressure 0.10 MPa, Max. 0.16 MPa

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	Non -Woven	Welded/Stitched	420	180	0.25	8.0	FCISBF-M-717S1/S2/S3
Size 2	PP, PE	Non -Woven	Welded/Stitched	820	180	0.50	17.5	FCISBF-M-732S1/S2/S3
Size 3	PP, PE	Non -Woven	Welded/Stitched	230	100	0.09	1.5	FCISBF-M-410S1/S2/S3
Size 4	PP, PE	Non -Woven	Welded/Stitched	380	100	0.15	2.5	FCISBF-M-417S1/S2/S3
Size 5	PP, PE	Non -Woven	Welded/Stitched	510	150	0.25	8.0	FCISBF-M-620S1/S2/S3



TYPICAL APPLICATIONS

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

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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