

Filter Bag

MONOFILAMENT MESH FILTER BAGS - EXTENDED SERVICE LIFE CLASS



PRODUCT CODES

- FCINMX - Nylon Monofilament Mesh Bags, Extended Service Life Class
- FCIEMX - Polyester Monofilament Mesh Bags, Extended Service Life Class
- FCIPMX - Polypropylene Monofilament Mesh Bags, Extended Service Life Class

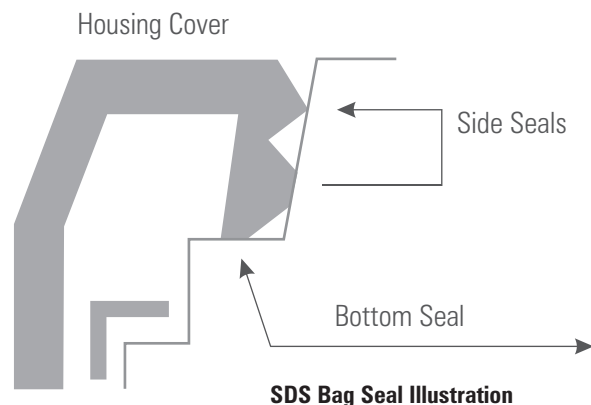
Mesh bags are surface loading thus lack of depth retention merits. The reduced dirt loading capacities greatly restrict filters' service life. To solve this problem, we incorporate a pre-filter felt media into our Extended Service Life mesh bags to improve dirt loading. The mesh serves as the primary filter, ensuring the final filtration efficiency of 98%. This material composition extends mesh filters' service life by 200% while keeps the cost increase at the minimum.

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 monofilament mesh
- Double-layer composite filter media
- 5 - 1,200 micron range, absolute rating
- Patented SDS & STS pressure seal rings, steel snap-fit rings
- Change-out pressure differential 0.10 MPa, Max. 0.16 MPa



SDS Bag Seal Illustration

TYPICAL APPLICATIONS

- Auto coating & paint
- Water purification & processing
- Pharmaceutical
- Food & beverage

TECHNICAL SPECIFICATIONS

Filter Size	Media Availability	Media Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m ²)	Volume (Liter)	Housing Used
Size 1	Nylon, PP, PE	Monofilament	Stitched	420	180	0.25	8.0	FCISBF-M-717S1/S2/S3
Size 2	Nylon, PP, PE	Monofilament	Stitched	820	180	0.50	17.5	FCISBF-M-732S1/S2/S3
Size 3	Nylon, PP, PE	Monofilament	Stitched	230	100	0.09	1.5	FCISBF-M-410S1/S2/S3
Size 4	Nylon, PP, PE	Monofilament	Stitched	380	100	0.15	2.5	FCISBF-M-417S1/S2/S3
Size 5	Nylon, PP, PE	Monofilament	Stitched	510	150	0.25	8.0	FCISBF-M-620S1/S2/S3

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(An ISO 9001 : 2000 Certified Company)

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