



## **FILTER BAGS**

### **NONE-WOVEN MICRON FELT FILTER BAGS – EXTENDED LIFE CLASS**



PEE Extended Service Felt Bag

#### **PRODUCT CATEGORIES**

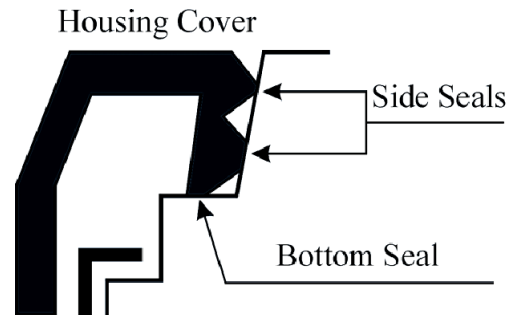
- **PPE** - Polypropylene Felt Bags, Extended Life
- **PEE** - Polyester Felt Bags, Extended Life

Made of non-woven micron media listed in the US Code of Federal Regulation Title 21 Part 177.

The primary filter layer is made of non-singed media, leaving all pore openings on the felt unblocked, effective in slowing down the premature formation of filter cakes, thus successfully extend filter's service life. A layer of spunbond 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.

#### **SUN 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.



SDS™ Bag Seal Illustration

#### **FEATURES**

- FDA compliant none-woven felt. 100% free of 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.
- Broad chemical compatibilities.
- Fiber migration & extractable free media treatment.
- Large contaminant retention capacities, extended service lives.
- Change-out pressure differential 0.10 MPa, Max. 0.16 MPa.

#### **TECHNICAL SPECIFICATIONS**

Filter Size	Media Availability	Media Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m <sup>2</sup> )	Volume (Liter)	Housing Used
Size 1	PP & PE	Felt	Welded/Stitched	420	180	0.25	8.0	HEXB23, HECB23
Size 2	PP & PE	Felt	Welded/Stitched	820	180	0.50	17.5	HEXB45, HECB45+
Size 3	PP & PE	Felt	Welded/Stitched	230	100	0.09	1.5	HEXB6, HECB6
Size 4	PP & PE	Felt	Welded/Stitched	380	100	0.15	2.5	HEXB10, HECB10
Size 5	PP & PE	Felt	Welded/Stitched	510	150	0.25	8.0	HPPB23V, HSSB23

#### **TYPICAL APPLICATIONS**

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

**ISO9001 Certified  
 Manufacturer**

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