



FILTER BAGS

OIL ADSORBENT FILTER BAGS



Polypropylene Microfiber Oil Adsorbent Bag w/ SDS™ Seal

PRODUCT CATEGORIES

- **PPAB** - Polypropylene Microfiber Oil Adsorbent Bags

Filter media are listed in the US Code of Federal Regulation Title 21 Part 177.

Made entirely from virgin polypropylene resin, by the latest melt-blown fiber production technologies. The effective adsorbent surface area of our microfiber is over 4,000 m² per gram weight, four times larger than conventional staple fibers, making them with one of the largest surface area per unit weight. Such significant larger surface area gives our adsorbent material supreme oil absorbing capacity, capable of adsorbing and retaining oil that is twenty-three times of the filter's dry weight.

SUN DOUBLE SEAL (SDS™ Bag Seal)

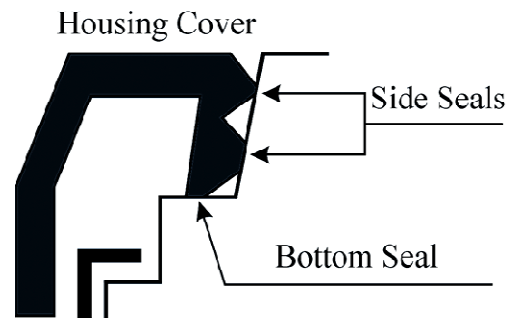
- **Automatic Installation** No need for manual installation.
- **Double Seal** Double seals to prevent liquid bypass.
- **Pressure Seal** Much advanced than traditional mechanical seal.
- **Collapse Free** Thick wall design to resist deformation under excessive pressure.
- **Universal Compatibility** Fits and seals in most brands of standard bag housings.

FEATURES

- Heavy duty oil adsorbing capability, adsorbs trace oil up to twenty-three times of adsorbents dry weight.
- Exclusively FDA compliant ultra fine Polypropylene micro fiber media. 100% free of silicon contamination.
- Multiple layer depth media composite.
- Trace oil removal & contaminants retention dual-performance.
- 1 ~ 100 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	Material Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m ²)	Volume (Liter)	Housing Used
Size 1	Polypropylene	Microfiber	Welded/Stitched	420	180	0.25	8	HEXB23, HECB23
Size 2	Polypropylene	Microfiber	Welded/Stitched	820	180	0.5	17.5	HEXB45, HSTB45+
Size 5	Polypropylene	Microfiber	Welded/Stitched	510	150	0.25	8	HPPB23V, HSSB23



SDS™ Bag Seal Illustration

TYPICAL APPLICATIONS

- Auto coating & paint
- Wastewater treatment
- Electronics & semiconductor
- Pharmaceutical

**ISO9001 Certified
 Manufacturer**

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