



FILTER BAGS

PLEATED FILTER BAGS



OAP Pleats Cross Section

PRODUCT CATEGORIES

- **OAP** - Polypropylene Oil Adsorbent Bags, Pleated

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

Oil Adsorbent Pleated Bags (OAP) consists of two primary composite layers:

I. Pleated oil adsorbents: The weight and the filter surface area are both 2.5 times larger than our standard PPAB bags. OAP not only improves oil adsorbing capability by 250%, but also significantly improves the flow rate.

II. Pleated micron felt: Designed as primary filter layer for effective contaminant retentions.

SUN DOUBLE SEAL (SDS™ Bag Seal)

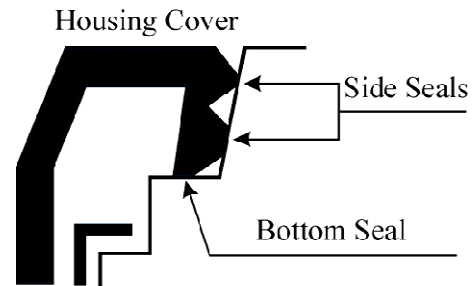
- **Automatic Installation** No need for manual installation.
- **Double Seal** Double seals to prevent liquid bypass.
- **Pressure Seal** Much advanced than traditional mechanical seal.
- **Collapse Free** Thick wall design to resist deformation under excessive pressure.
- **Universal Compatibility**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

FEATURES

- Increased filter surface area by 250% comparing to industrial standards.
- Significantly improved flow rate and reduced pressure drop.
- Significantly increased contaminant retention capacities & extended service lives.
- Oil adsorbent weights 2.5 times heavier than industrial standards. Retains oil up to 23 times of its own dry weight.
- 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.
- Broad chemical compatibilities.
- Fiber migration & extractable free media treatment.
- Change-out pressure differential 0.12 MPa, Max. 0.20 MPa.
- Recommended flow rate: #1 @ 10 MT/Hr, #2 @ 22 MT/Hr.

TECHNICAL SPECIFICATIONS

| Filter Size | Media Availability | Media Category | Seam Treatment | Length (mm) | Diameter (mm) | Filter Area (m ²) | Volume (Liter) | Housing Used |
|-------------|--------------------|----------------|-------------------|-------------|---------------|-------------------------------|----------------|-----------------|
| Size 1 | Polypropylene | Microfiber | Ultrasonic Welded | 420 | 180 | 0.63 | 8 | HEXB23, HSTB23 |
| Size 2 | Polypropylene | Microfiber | Ultrasonic Welded | 820 | 180 | 1.25 | 17.5 | HEXB45, HSTB45+ |



SDS™ Bag Seal Illustration

TYPICAL APPLICATIONS

- Auto coating & paint
- Wastewater processing

**ISO9001 Certified
 Manufacturer**

**CORPORATE HEADQUARTERS
 Sun-Central Company, LLC.**

5644 Garland Lane, Milwaukee, Wisconsin 53129, USA.

Telephone: 414-423-5820 Fax: 414-423-5821

E-mail: info@sccindustry.com Website: www.sccindustry.com