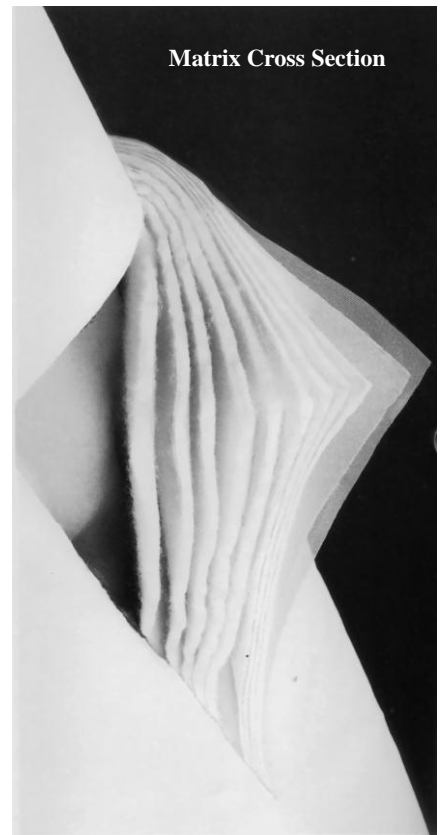


FILTER BAGS

POLYPROPYLENE ABSOLUTE FILTER BAGS



Absolute Polypropylene Matrix Bag w/ SDS™ Seal



Matrix Cross Section

PRODUCT CATEGORIES

- **APM** - Polypropylene Composite Matrix Bags, Absolute Efficiency

SUN DOUBLE SEAL (SDS™ Bag Seal)

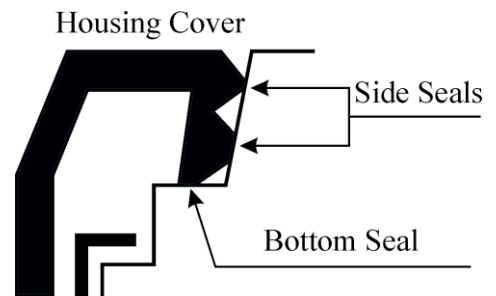
- **Automatic Installation** No need for manual installation.
- **Double Seal** Double seals to prevent liquid bypass.
- **Pressure Seal** Much advanced than traditional mechanical seal.
- **Collapse Free** Thick wall design to resist deformation under excessive pressure.
- **Universal Compatibility**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

FEATURES

- Exclusively FDA compliant Polypropylene microfiber matrix, Silicon free. Non-foaming. Low TOC content.
- Multiple layer depth composites matrix.
- 0.2 ~ 50 micron range. 95% absolute rating.
- High oil adsorbent capabilities. Capable of adsorbing and retaining trace oil up to twenty-five times of APMs' own dry weight.
- Patented SDS™ & STS pressure seal rings, steel snap-fit rings.
- Broad chemical compatibilities.
- Fiber migration & extractable free media treatment.
- High flow rate, low pressure drop.
- Recommended flow rate: #1 @ 6 MT/Hr, #2 @ 12 MT/Hr.
- Change-out pressure differential 0.12 MPa, Max. 0.20 MPa.

TECHNICAL SPECIFICATIONS

Filter Size	Filter Media	Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m ²)	Volume (Liter)	Housing Used
Size 1	PP Membrane	Matrix	Ultrasonic Welding	420	180	0.25	8.00	HEXB23, HSTB23
Size 2	PP Membrane	Matrix	Ultrasonic Welding	820	180	0.5	17.50	HEXB45, HSTB45+



SDS™ Bag Seal Illustration

TYPICAL APPLICATIONS

- Auto coating & paint
- Water purification & processing
- Wastewater treatment
- Pharmaceutical
- Food & beverage
- Fine chemicals
- Petro-chemical
- Electronics & semiconductor

**ISO9001 Certified
Manufacturer**