



## **FILTER BAGS**

### **APM-S SUB MICRON ABSOLUTE FILTER BAGS**



Absolute Polypropylene Matrix Bag w/ SDS™ Seal

#### **PRODUCT CATEGORIES**

- **APM-S** - Polypropylene Composite Matrix Bags, Absolute 0.2 & 0.5 Micron

#### **SUN DOUBLE SEAL (SDS™ Bag Seal)**

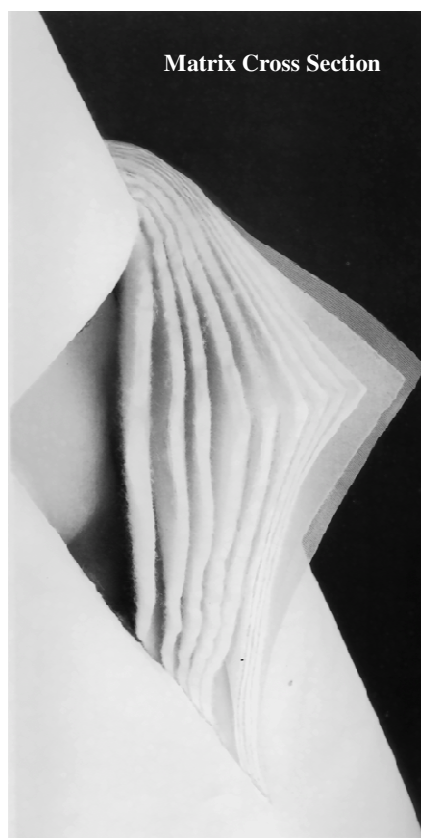
- **Automatic Installation** No need for manual installation.
- **Double Seal** Double seals to prevent liquid bypass.
- **Pressure Seal** Much advanced than traditional mechanical seal.
- **Collapse Free** Thick wall design to resist deformation under excessive pressure.
- **Universal Compatibility**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

#### **FEATURES**

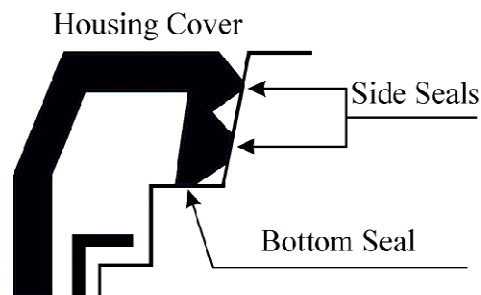
- Exclusively FDA compliant Polypropylene microfiber matrix, Silicon free. Non-foaming. Low TOC content.
- Multiple layer depth composites matrix.
- 0.2 & 0.5 micron rating. 95% absolute rating.
- High oil adsorbent capabilities. Capable of adsorbing and retaining trace oil up to twenty-five times of 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 @ 5 MT/Hr, #2 @ 10 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 <sup>2</sup> )	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+



Matrix Cross Section



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**

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

5644 Garland Lane, Milwaukee, Wisconsin 53129, USA.

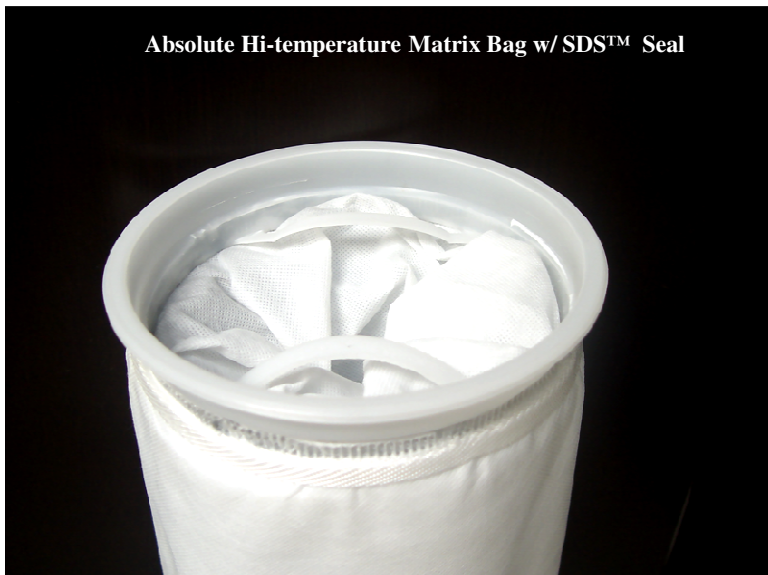
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## **FILTER BAGS**

### **HI-TEMPERATURE ABSOLUTE FILTER BAGS**



Absolute Hi-temperature Matrix Bag w/ SDS™ Seal

### **PRODUCT CATEGORIES**

- **AHM** – Hi-temperature 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 Polyester media and Nylon membrane.
- Ideal for high temperature applications up to 135° C.
- Multiple layer depth composites matrix.
- 0.2 ~ 5.0 micron range. 99% absolute rating.
- 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.

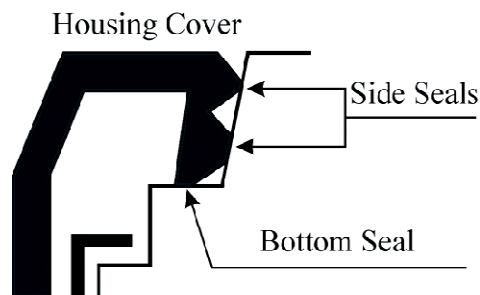
### **TECHNICAL SPECIFICATIONS**

Filter Size	Filter Media	Category	Seam Treatment	Length (mm)	Diameter (mm)	Filter Area (m <sup>2</sup> )	Volume (Liter)	Housing Used
Size 1	Nylon Membrane	Matrix	Ultrasonic Welding	420	180	0.25	8.00	HEXB23, HECB23
Size 2	Nylon Membrane	Matrix	Ultrasonic Welding	820	180	0.5	17.50	HEXB45, HSTB45+

**ISO9001 Certified  
Manufacturer**



Matrix Cross Section



SDS™ Bag Seal Illustration

### **TYPICAL APPLICATIONS**

- Process water purification
- Winery
- Pharmaceutical
- Food & beverage
- Fine chemicals
- Petro-chemical
- Electronics & semiconductor

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