



FILTER BAGS

MONOFILAMENT MESH FILTER BAGS – EXTENDED SERVICE LIFE CLASS

NMX Extended Service Mesh Bags w/ SDS™ Seal



PRODUCT CODES

- **NMX** - Nylon Monofilament Mesh Bags, Extended Service Life Class
- **EMX** - Polyester Monofilament Mesh Bags, Extended Service Life Class
- **PMX** - Polypropylene Monofilament Mesh Bags, Extended Service Life Class

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

Mesh bags are surface loading thus lack of depth retention merits. The reduced dirt loading Capacities greatly restrict filters' the service life. To solve this problem, we incorporate a pre-filter felt media into our Extended Service Life mesh bags to improve dirt loading. The mesh serves as the primary filter, ensuring the final filtration efficiency of 98%. This material composition extends mesh filters' service life by 200% while keeps the cost increase at the minimum.

SUN DOUBLE SEAL (SDS™ Bag Seal)

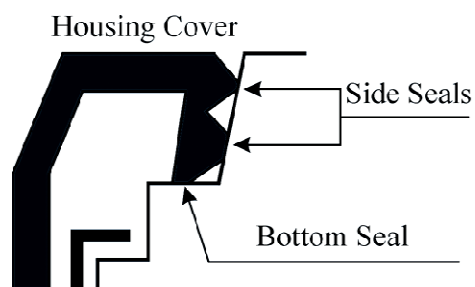
- **Automatic Installation** No need for manual installation.
- **Double Seal** Double seals to prevent liquid bypass.
- **Pressure Seal** Much advanced than traditional mechanical seal.
- **Collapse Free** Thick wall design to resist deformation under excessive pressure.
- **Universal Compatibility**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

FEATURES

- Exclusively FDA compliant monofilament mesh.
- Double-layer composite filter media.
- 35 ~ 800 micron range, absolute rating.
- Patented SDS™ & STS pressure seal rings, steel snap-fit rings.
- 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 ²)	Volume (Liter)	Housing Used
Size 1	Nylon, PE, PP	Monofilament	Stitched	420	180	0.25	8.0	HEXB23, HECB23
Size 2	Nylon, PE, PP	Monofilament	Stitched	820	180	0.50	17.5	HEXB45, HSTB45+
Size 3	Nylon, PE, PP	Monofilament	Stitched	230	100	0.09	1.5	HEXB6, HECB6
Size 4	Nylon, PE, PP	Monofilament	Stitched	380	100	0.15	2.5	HEXB10, HECB10
Size 5	Nylon, PE, PP	Monofilament	Stitched	510	150	0.25	8.0	HPPB23V, HSSB23



SDS™ Bag Seal Illustration

TYPICAL APPLICATIONS

- Auto coating & paint
- Water purification & processing
- Pharmaceutical
- Food & beverage

**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