

SBN Series

Nonwoven Bag Filters



The SBN Series nonwoven bag filters are constructed from polypropylene felt media, providing superior particle retention and depth filtration. Its multi-layer design captures contaminants of various sizes with high efficiency. With excellent chemical compatibility, it is ideal for wastewater, paint, cooling water, and general industrial filtration applications.

Specifications

Construction Materials

Filtration Media	Polypropylene, Polyester
Rings	Polypropylene, SUS304

Dimensions

Length	430, 810 mm
Outer Diameter	180 mm
Micon Rating	1 - 100 µm

Operating Conditions

Differential Pressure	Max. 2.0 bar at 20 °C
Change-out ΔP	Max. 1.0 bar at 20 °C
Temperature	Max. 80 °C (with PP Ring)
	Max. 80 °C (with SUS Ring)

Features and Benefits

- Polypropylene felt for depth filtration efficiency
- Multi-layer structure for particle gradation capture
- Excellent chemical compatibility and strength
- High dirt-holding capacity and steady flow
- Economical for large-volume filtration systems

Applications

- Wastewater
- Cooling water
- Chemical filtration
- Paint & ink
- Food & beverage
- General industry
- Utility process
- Coating lines

Ordering Information

SBN	MICRON	MEDIA	OD / LENGTH	RING
	001 : 1µm	P1 : Polypropylene	K01 : Ø180 mm X 430 mm	A : None
	005 : 5µm	P2 : Polyester	K02 : Ø180 mm X 810 mm	B : SUS304
	010 : 10µm			C : PP
	025 : 25µm			
	050 : 50µm			
	100 : 100µm			