

# B1 SDM Series

## High Efficiency Polypropylene Melt Blown Depth Filters



The B1 SDM Series melt blown filters are engineered with a thicker structure and expanded filtration surface for higher efficiency and longer service life. Their deep fiber layers capture more contaminants while maintaining stable flow performance. Constructed entirely from polypropylene, they provide excellent chemical resistance and dependable operation in industrial and precision filtration applications.

### Specifications

#### Construction Materials

Filtration Media	Polypropylene
Core Support	-
Gaskets / O-rings	-

#### Dimensions

Length	254, 508 mm
Inner Diameter	28 mm
Outer Diameter	110 mm
Micron Rating	1 - 50 µm (Nominal)

#### Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out ΔP	Max. 2.0 bar at 20 °C
Temperature	Max. 60 °C

### Features and Benefits

- Thicker media layers enhance dirt-holding capacity
- Stable flow rate with improved filtration efficiency
- High chemical resistance and purity performance
- Extended life reduces maintenance cost
- Ideal for high-volume industrial filtration lines

### Applications

- Industrial water
- Chemical process
- Food & beverage
- Electronics
- Coatings
- Cooling systems
- Wastewater
- Power plant process

### Ordering Information

B1SDM	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	001 : 1µm	P1 : Polypropylene	F10 : 254mm	1 : Ø28/110	A : None	1 : DOE	A : None
	005 : 5µm		F20 : 508mm				
	010 : 10µm						
	025 : 25µm						
	050 : 50µm						

DEPTH FILTER