

SDM Series

Standard Polypropylene Melt Blown Depth Filters



The SDM Series melt blown filter cartridges are made from 100% polypropylene using a thermal bonding process. With a graded depth structure, they efficiently capture particles of various sizes, ensuring high dirt-holding capacity and stable flow performance. Its single-material design offers superior chemical resistance and low extractables. Available in multiple micron ratings and lengths, the SDM Series provides dependable and cost-effective filtration across water, chemical, food, and electronic industries.

DEPTH FILTER

Specifications

Construction Materials

Filtration Media	Polypropylene
Core Support	-
Gaskets / O-rings	Silicone, TEV, Viton, EPDM, Foamed PE

Dimensions

Length	130, 250, 500, 750, 1000 mm
Inner Diameter	28, 30 mm
Outer Diameter	62, 65 mm
Micron Rating	0.5 - 100 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. 80 °C

Features and Benefits

- High dirt holding capacity with long service life
- Gradient pore structure for precise particle removal
- 100% polypropylene media, no binder or additives
- Wide chemical compatibility for various liquids
- Cost-effective filtration with stable performance

Applications

- Water Treatment
- Food & Beverage
- Chemical Processing
- Pharmaceutical
- Petrochemical
- Electronics
- Power Generation
- General Industry

Ordering Information

SDM	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	A05 : 0.5µm	P1 : Polypropylene	K05 : 130mm	1 : Ø28/62	A : None	1 : DOE	A : None
	001 : 1µm		K10 : 250mm	2 : Ø30/62		2 : 222/FLAT	B : Silicone
	005 : 5µm		K20 : 500mm	3 : Ø28/65		3 : 222/FIN	C : TEV
	010 : 10µm		K30 : 750mm	4 : Ø30/65		4 : 226/FLAT	D : Viton
	025 : 25µm		K40 : 1000mm			5 : 226/FIN	E : EPDM
	050 : 50µm						
	075 : 75µm						
	100 : 100µm						