

CP SDN Series

Composite Polypropylene Nonwoven Depth Filters

DEPTH FILTER



The CP SDN Series composite nonwoven depth filters are designed with multiple fiber layers of varying density, capturing contaminants progressively for superior efficiency and durability. They deliver stable quality and extended service life, making them ideal for industrial processes requiring consistent high-performance filtration.

Specifications

Construction Materials

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

Dimensions

Length	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

- Multi-density fiber layers for gradual filtration
- Excellent retention efficiency and flow stability
- Extended service life with strong structural design
- High resistance to chemical and thermal stress
- Ideal for precision liquid process filtration

Applications

- Water purification
- Semiconductor
- Chemical
- Pharmaceutical
- Electronics
- Food & beverage
- Industrial process
- Coating & paint

Ordering Information

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