

SDW Series

Standard Polypropylene String Wound Depth Filters

DEPTH FILTER



The SDW Series string wound depth filters are made of precision-wound polypropylene filaments. Their uniform structure effectively removes particles of various sizes while ensuring high dirt-holding capacity and extended service life. Offering excellent chemical resistance, they are suitable for a wide range of liquid filtration processes. Ideal for water treatment, chemical, coating, and general industrial applications, SDW Series provides a reliable and economical solution.

Specifications

Construction Materials

Filtration Media	Polypropylene
Core Support	Polypropylene, SUS304
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

- Uniform winding for consistent filtration performance
- High dirt-holding capacity and long service life
- Excellent chemical compatibility with most liquids
- Economical design for general filtration applications
- Stable flow rate with graded density structure

Applications

- Water treatment
- Chemical processing
- Coatings & paints
- Food & beverage
- Cooling systems
- Wastewater
- General industry
- Ink filtration

Ordering Information

SDW	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	A05 : 0.5µm	P1 : Polypropylene	K10 : 250mm	1 : Ø28/62	B : PP	1 : DOE	A : None
	001 : 1µm		K20 : 500mm	2 : Ø30/62	C : SUS304	2 : 222/FLAT	B : Silicone
	005 : 5µm		K30 : 750mm	3 : Ø28/65		3 : 222/FIN	C : TEV
	010 : 10µm		K40 : 1000mm	4 : Ø30/65		4 : 226/FLAT	D : Viton
	025 : 25µm					5 : 226/FIN	E : EPDM
	050 : 50µm						
	075 : 75µm						
	100 : 100µm						