

# FPP SDW Series

Fibrillated Polypropylene String Wound Depth Filters



The FPP SDW Series filters utilize fibrillated polypropylene yarns that create a larger surface area and enhanced particle retention. This structure improves dirt-holding capacity and provides stable flow with longer service life. With superior chemical resistance and mechanical strength, they are ideal for filtering corrosive or viscous liquids. Commonly applied in cooling water, chemical, paint, and wastewater treatment industries.

## Specifications

### Construction Materials

Filtration Media	Fibrillated Polypropylen
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

- Fibrillated yarn increases surface area and strength
- Enhanced particle retention and longer filter life
- Excellent resistance to corrosive and viscous fluids
- Stable flow under high differential pressure
- Ideal for demanding industrial liquid filtration

## Applications

- Chemical industry
- Cooling water
- Paint & ink
- Petrochemical
- Wastewater
- General process filtration
- Food & beverage
- Industrial water

## Ordering Information

SDW	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	001 : 1µm	P3 : Fibrillated PP	K10 : 250mm	1 : Ø28/62	B : PP	1 : DOE	A : None
	005 : 5µm		K20 : 500mm	2 : Ø30/62	C : SUS304	2 : 222/FLAT	B : Silicone
	010 : 10µm		K30 : 750mm	3 : Ø28/65		3 : 222/FIN	C : TEV
	025 : 25µm		K40 : 1000mm	4 : Ø30/65		4 : 226/FLAT	D : Viton
	050 : 50µm					5 : 226/FIN	E : EPDM
	075 : 75µm						
	100 : 100µm						

DEPTH FILTER