

iFILTRATION® SW Series

The **iFILTRATION SW** series **String Wound** filter is made of polypropylene fiber, cotton, and glass fiber wound on a polypropylene (PP) inner core. The PP inner core with threaded connector and continuous polypropylene thin fiber string wound cartridge filter to achieve high mechanical strength, ensuring the filter has no deformation in critical conditions. This series can be installed directly on existing equipment without replacement or retrofitting. Different sizes are provided for various applications. The String Wound filter is suitable for filtering low-viscosity and low-impurity liquids. It effectively removes suspended matter, particles, rust, and other impurities from the liquid and has outstanding filtration characteristics.

FEATURES

- Different combinations of filter materials and pore sizes
- Graded pore structure of efficient removal of a wide range of particle sizes
- High contaminant load capacity
- Holding debris effectively

APPLICATIONS

- Drinking Water Treatment System
- Condensate Water Treatment System
- Petrochemical Finishing System
- Reverse Osmosis Pretreatment Filtration



Materials of Construction

Media	Polypropylene Fiber, Cotton, and Glass Fiber
Inner Core	Polypropylene

Operating Limits

Max. Working Temperature	PP: 80°C (176°F) Cotton: 120°C (248°F) Glass Fiber: 200°C (392°F)
Operating ΔP	0.1 bar
Max. Operating ΔP	4 bar
Recommended replacement ΔP	2 bar

*Depending on the media selection of the String Wound filter.

Model Selection

	SERIES	FILTER MEDIA	EFFICIENCY RATE**		INNER CORE**	LENGTH
iFILTRATION SW	D = iFILTRATION	PP	0100 = 1 μm	2000 = 20 μm	PP	A0 = C
	C = Cobetter	CO	0300 = 3 μm	4000 = 40 μm	S4	B0 = 254MM
		GF	0500 = 5 μm	7500 = 75 μm	S6L	C0 = 508MM
				100H = 100 μm		D0 = 762MM
						E0 = 1016MM
						F0 = 1270MM

Note: Impact Filtration will custom-make iFILTRATION SW filter cartridge as per request.
CM = Customize



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