

Wound-Fine Series Filter Cartridges



Product Introduction

Wound-Fine series filter cartridges are made by computerized and state-of-the-art equipment to ensure consistent quality. Its excellent characteristic of high dirt holding capacity results in long service life. Besides, the graded pore structure provides efficient removal of a wide range of particle sizes. Wound-Fine series has many materials available such as Premium Cotton, Polypropylene, and Glass Fiber, which allows wide chemical compability. In addition, proprietary helical center core provides added mechanical strength in demanding applications.

- Manufactured under a certified ISO 9001 quality system
- Core cover to minimize fiber migration (optional)
- Extended core (optional)

Product Specification

Material of Construction

- Filter Media: Premium Bleached Cotton (FDA Listed), Cleaned Polypropylene (FDA Listed), Glass Fiber
- Center Core: Polypropylene, 304 Stainless Steel, 316 Stainless Steel
- Extended Core(optional): Polypropylene, 304 Stainless Steel, 316 Stainless Steel
- Core Cover(optional): Consistent with existing string material

Dimensions

- Outside Diameter: 2.5" (63mm)
- Inside Diameter: 1.1" (28mm)
- Lengths: 10", 20", 30", 40", 50", 60", 70"

Performance Specification

Retention Ratings

- PP: 0.5, 1, 5, 10, 20, 50, 75, 100 μ m
- Cotton: 0.5, 1, 5, 10, 20, 50, 75, 100 μ m
- Glass Fiber: 1, 5, 10, 20, 30, 50 μ m

Operating Conditions

- PP Core :
Maximum Operating Differential Pressure:
75 psid (5.1 bar) @ 68°F (20°C)
40 psid (2.8 bar) @ 150°F (65°C)
- S.S. Core:
Maximum Operating Differential Pressure:
75 psid (7.0 bar) @ 68°F (20°C)
40 psid (4.1 bar) @ 180°F (82°C)
- Maximum Temperature Ratings: see Material Selection Guide
- Recommended Change Out Differential Pressure:
35 psid (2.4 bar)



Material Selection Guide

		Filter Media		
		Premium Bleached Cotton (FDA Listed)	Cleaned Polypropylene (FDA Listed)	Glass Fiber
Maximum Temperature	Stainless Steel Core	300°F (130°C)	200°F (95°C)	750°F (400°C)
	Polypropylene Core	140°F (60°C)	140°F (60°C)	140°F (60°C)
Compatibility	Food, Potable Water	Excellent	Excellent	Poor
	Organic Solvents	Excellent	Good	Excellent
	Oils	Excellent	Excellent	Excellent
	Organic Acids	Good	Excellent	Excellent
	Alkalies	Good	Excellent	Poor
	Oxidizing Agents	Fair	Good	Excellent
	Steam (Non Continuous)	Not Relevant	Fair	Not Relevant
	Strong Acide	Not Relevant	Excellent	Excellent
	Dilute Acide	Fair	Excellent	Excellent
	Micro Organism Resistance	Poor	Excellent	Excellent

Ordering Information

WF-	10	P	10	P-	EP
Product Name	Retention Rating	Filter Media	Cartridge Length	Core Material	Extended Core (Optional)
WF	0.5, 1, 5, 10, 20, 50, 75, 100 µm	P=PP	10"	P=PP A=304SS S=316SS	EP=Polypropylene
			20"		EA=304SS
			30"		ES=316SS
	0.5, 1, 5, 10, 20, 50, 75, 100 µm	C=Cotton	40"		Code 3= 222/ Flat
			50" (SS core)		Code 8= 222/ Fin
			60" (SS core)		C=Core Cover
	1, 5, 10, 20, 50 µm	G=Glass Fiber	70" (SS core)		