

# String Wound Depth Filters

## Specification Sheet

### Polyester Media (PE)



#### Description

Our Polyester String Wound filters are have a chemical resistance similar to polypropylene, with higher temperature resistance. They are used in special process applications, concentrated alkalis, and hydrocarbons.

Sparkler Filters string wound depth filters are manufactured in Texas. Our products offer excellent compatibility with a variety of organic solvents and petroleum products and are available in many configurations as detailed below. Our precision winding patterns ensure accurate filtration ratings and high retention efficiencies.

#### Specifications

Media: Polyester (PE)

Maximum Media Temperature: 350°F

Flow Rate: 4 - 6 GPM Per 2.5"x10" Length (Depending upon fluid)

Efficiency: 90% nominal

Recommended Max Change-Out Differential Pressure: 30 PSID

Maximum Differential Pressure: 60 PSID



Media	Micron	Diameter	Length	Core	End Treatment / Options
<b>PE</b>					
CU – Natural Cotton	0.5	B - 1.5"	9.75	P – Polypropylene	222 – 222 End Cap
CF – FDA Bleached Cotton	1	G - 2"	10	T – Tin Plated Steel	PFC – Poly Flat Cap
CE – White (bleached) Cotton	3	E - 2.25"	19.5	S – 304 Stainless Steel	PFN – Poly Fin (Spear)
FIB – Twisted Fibrillated Poly	5	F - 2.375"	19.75	A – 316 Stainless Steel	PSC – Poly Spring
FP – FDA Polypropylene	10	C - 2.4375"	20	GP - Glass Filled Poly	226 – 226 End Cap
EP – Polypropylene	15	R - 2.5"	29.25	TW - Tin Wildcatter	MCS – Metal Cap w/Top Spring
NY – Nylon	20	N - 2.625"	29.5	SW - 304SS Wildcatter	MEC – Metal End Cap
RA – Rayon	25	S - 2.75"	30	AW - 316SS Wildcatter	PE – Poly Extender
PE – Polyester	30	P - 2.875"	36		SS – Stainless Steel Extender
FG – Fiberglass	50	W - 3"	39		EC – Extended Core <sup>1</sup>
	75	Q - 4"	40		ECC – Extended Crimped Core <sup>1</sup>
	100	WL - 4.25"	50		CC – Polyester Cover
	125	X - 4.5"	70		FCC – Fiberglass Cover
	150	M - 4.625"	72		CB – Carbon Cover
	200	V - 5"	80		

1 - Extended is same outside diameter of core where crimped compresses the extension smaller than core.

	2 1/4" - 2 1/2" OD				4 1/2" OD	
Filters per	10"	20"	30"	40"	10"	20"
Box	30	15	15	10	16	8
Pallet	1080	540	450	250	320	160