



# 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.

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