

E-Series Wound Depth Cartridges

E-SERIES WOUND DEPTH CARTRIDGES

Matrix has become a world leader in the filter cartridge market with the E-Series. We precisely pattern fibers to create consistently reliable filtration with a trapping effectiveness of up to 99%.

Matrix wound cartridges offer a gradual pressure increase during cartridge life instead of the abrupt flow cutoff experienced with competitor's cartridges.

Customer service representatives are available for custom cartridge construction requests.

Matrix XLC cartridges are available in both nominal and absolute ratings.

BENEFITS

- Offered in a wide variety of lengths from 4in. to 50in., and diameters from 1.5in. to 4.5in. OD for easy vessel fittings.
- The E-Series cartridge is available in the following media:
Polypropylene Industrial, Polypropylene FDA, Xtrupor, Bleach Cotton, Bleach Cotton FDA, Natural Cotton, Acrylic, Rayon, Polyester, Nylon, and Glass.
- Core Covers offered in cotton, polypropylene, polyester, paper, glass, and membrane for excellent fiber migration protection.
- 304SS, 316SS, and Tin steel extended center cores are available, as well as, a polypropylene snap-in extender.
- Special end treatments such as 222 double O-ring caps, spears, and gaskets are typical additions that enhance cartridge performance.

RECOMMENDED OPERATING CONDITIONS

- Change out P: 25 psi
- Max Differential P at Ambient Temp: 60 psi
- Standard Dimensions
- 1 inch Inside Diameter
- 2.5 inch Outside Diameter
- 4-50 inch Length

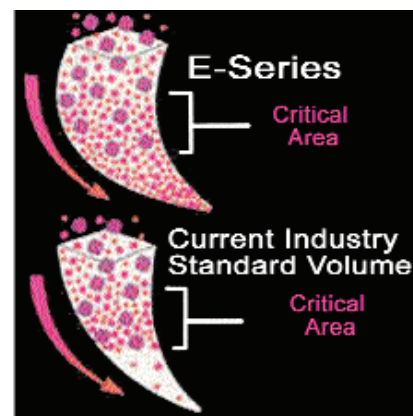
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TYPICAL APPLICATIONS

- Chemicals
- Connectors
- Consumer Products
- Food and Beverage
- Oils
- Paint Ink
- Petro Chemical
- Pharmaceutical
- Photographic
- Plating
- Vegetable Oils
- Water
- Waste Treatment

Expanded Void Volume Enhances Filtration



**E-SERIES WOUND
DEPTH CARTRIDGES**

SELECTION GUIDE

A Grade	P Type	5 Micron Rating	A Cartridge Diameter	10 Length in Inches	P Core	C Covers	D End Cap Code	S O-Rings /Gaskets	
A=Absolute	P=Polypropylene	0.5	T=1 1/2"	4	5	P=PP	C=Compatible	A = DOE W/Gaskets No Caps	B=Buna
Blank=Nominal	PP=Polypropylene FDA	1	R=1 3/4"	6	9.8	A=304SS	E=Polyester	B = DOE W/Gaskets And Caps	E=EPDM
	PX=Xtrapor	3	B=2"	10	12	S=316SS	M=Membrane	C = 222 W/Spear	S=Silicone
	C=Bleach Cotton	5	F=2 3/8"	12.5	19.5	C=1.56 Steel	G=Glass	D = 222 W/Closed Flat Cap	V=Viton
	CC=Bleach Cotton FDA	10	A=2 1/2"	20	27	D=1.22 PP		E = 222 W/Spring	T=Teflon Encapsulated Viton
	CN=Natural Cotton	20	S=2 5/8"	29.3	29.5	F=Glass PP		F = 226 W/Closed Flat Cap	
	R=Rayon	30	D=2 3/4"	30	36	M=1.56 PP		G = 226 W/Spear	
	A=Acrylic	50	E=3"	38	39	W=PP/HW		H = 226 W/Spring	
	PE=Polyester	75	H=3 1/8"	40	50	T=EPT		J = Polypropylene Extender	
	N=Nylon	100	J=3 1/2"					K = Crimped Extended Core	
	G=Glass	200	M=4"					L = Spring	
		250	W=4 1/4"					M = 316 Metal Extender	
		400	N=4 1/2"					IB = IND BAG	
			U=2 1/4"					IBL = IND BAG & LAB	

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**Pressure Drop
VS.
Flow Rate**

