

XLC Filter Cartridges

XLC FILTER CARTRIDGES

The XLC Cartridge (Extended Life Cartridge) is manufactured by a process which uses computer aided designs to construct a true graduated density product that allows unusually extended void volume for greater load capacity, longer life, and higher flow rate. The XLC Cartridge also retains its particle trapping effectiveness up to 99.9%.

EXTENDED LIFE CARTRIDGE

BENEFITS

- Dirt holding capacity is more than double that of conventional cartridges.
- Significant cost savings based on decreased production interruptions, less changeouts, inventory, and disposal cost.
- Filter construction can be tailored to fit the specifications of nearly any filtration application by use of computer aided design and intricate computer programming capabilities.
- The XLC cartridge is available in the following materials: Polypropylene Industrial, Polypropylene FDA, Xtrupor, Bleach Cotton, Bleach Cotton FDA, Natural Cotton, Acrylic, Rayon, Polyester, Nylon, and Glass.
- 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

This is to be used as a general reference only. The supplier assumes no responsibility or liability for the accuracy or completeness or results obtained by the use of this information. Users are advised to make their own test to determine the safety and suitability of each product or product combination.



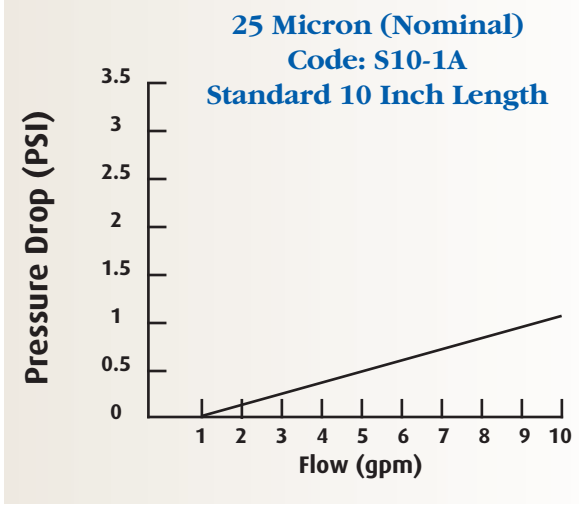
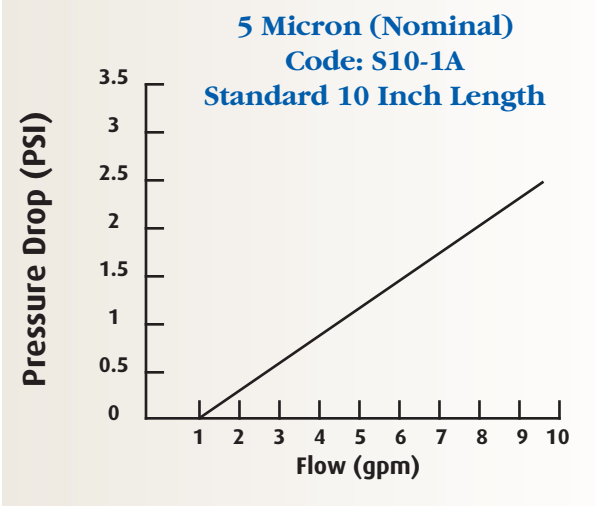
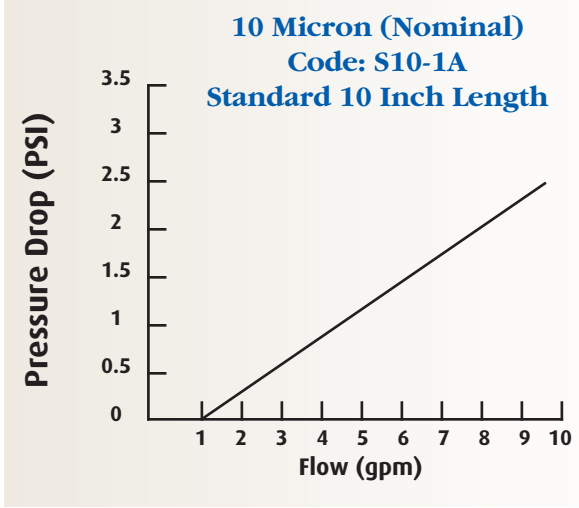
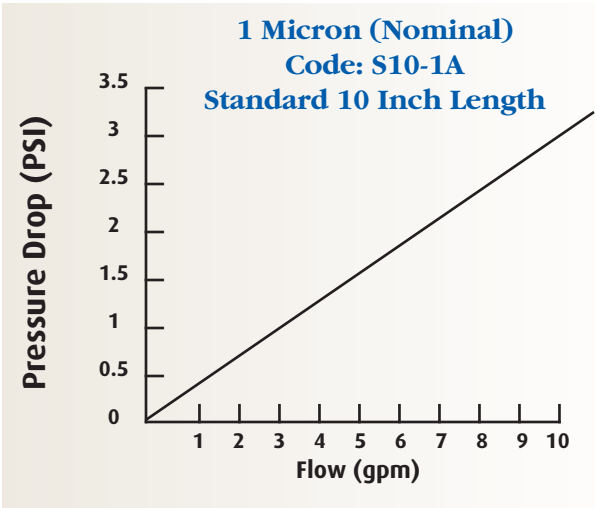
TYPICAL APPLICATIONS

- Chemical Connectors
- Consumer Products
- Food and Beverage
- Oil
- Paint, Ink
- Petro Chemical
- Pharmaceutical
- Photograph
- Plating
- Printed Circuit
- Printed Wire
- Surface
- Utilities
- Waste Management

XLC FILTER CARTRIDGES

SELECTION GUIDE

A Grade	X Cartridge Code	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 Density with End Treatments (Optional)	X=XLC Graduated Density	P=Polypropylene	0.5	T=1 1/2"	4	5	P=PP	*C=Compatible	A= DOE W/gasket - no caps	B=Buna E=EPDM S=Silicone V=Viton T=Teflon Encapsulated Viton
		PP=Polypropylene FDA	1	R=1 3/4"	6	9.8	A=304SS	*E=Polyester	B= DOE W/gasket - and cap	
		PX=Xtrupor	3	B=2"	10	12	S=316SS	*M=Membrane	C= 222 W/Spear	
		C=Bleach Cotton	5	F=2 3/8"	12.5	19.5	C=1.56 Steel	*G=Glass	D= 222 W/Closed Flat Cap	
		CC=Bleach Cotton FDA	10	A=2 1/2"	20	27	D=1.22 PP		E= 222 W/Spring	
		CN=Natural Cotton	20	S=2 5/8"	29.3	29.5	F=Glass PP		F= 226 W/Closed Flat Cap	
		R=Rayon	25	C=2 11/16"	30	36	M=1.56 PP		G= 226 W/Spear	
		A=Acrylic	30	D=2 3/4"	38	39	W=PP/HW		H= 226 W/Spring	
		PE=Polyester	50	E=3"	40	50	T=EPT		J= Polypropylene Extender	
		N=Nylon	75	H=3 1/8"					K= Crimped Extended Core	
		G=Glass	100	J=3 1/2"					L= Spring	
			200	M=4"					M= 316 Metal Extender	
			250	W=4 1/4"					IB=IND. Bag	
			400	N=4 1/2"					IBL= IND. Bag & Label	
		U=2 1/4"								



Test Fluid: Water at Ambient Temperature • Flow is in US Gallons per minute.

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, Xtrapor, 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

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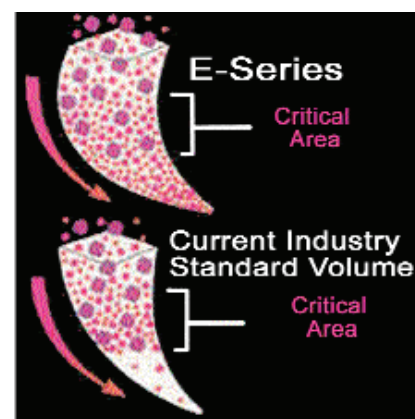
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TYPICAL APPLICATIONS

- 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

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Pressure Drop vs. Flow Rate

