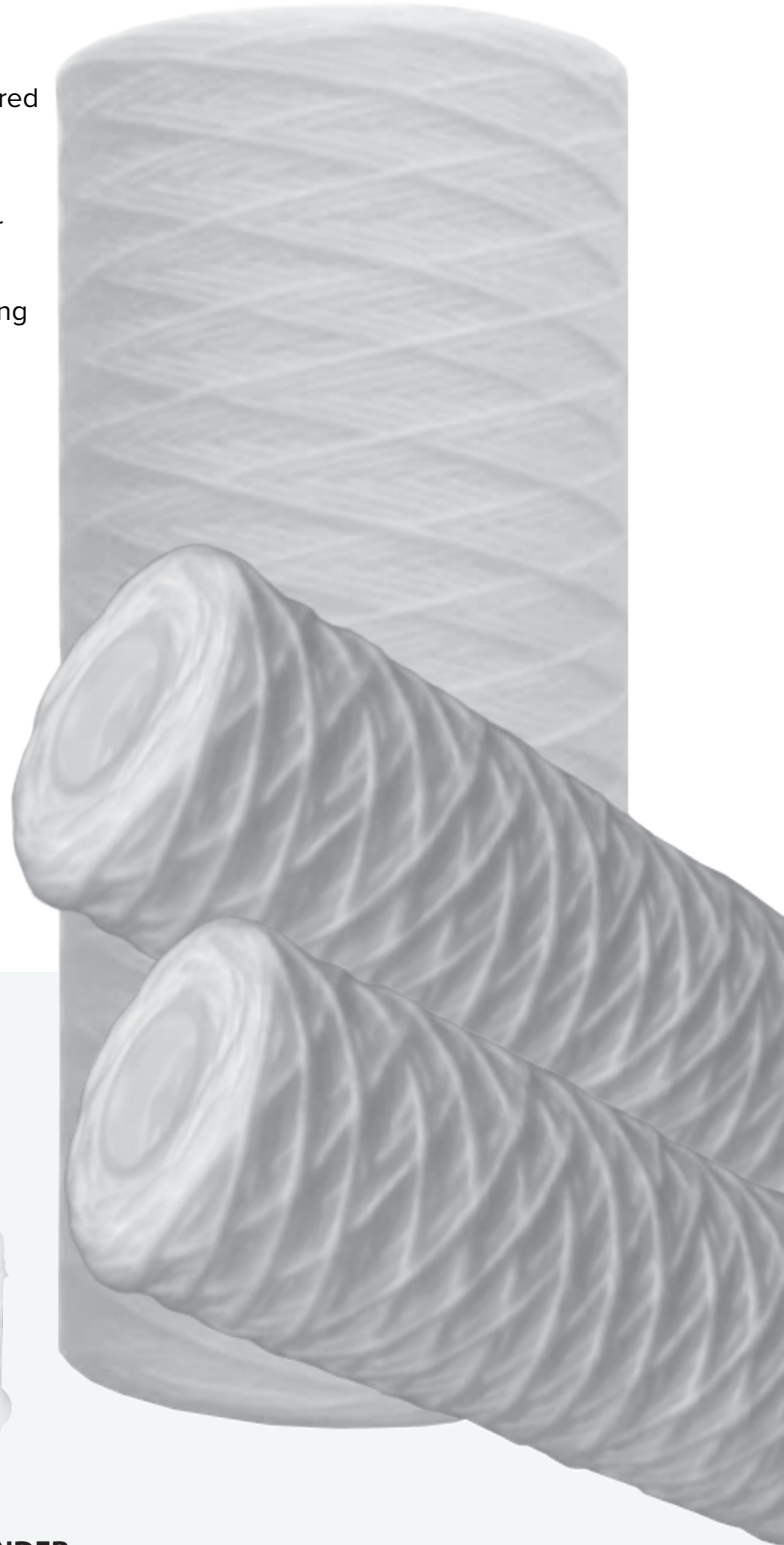




# String Wound Cartridges

## Features and Specifications

- The Filter Factory's string wound elements are manufactured in-house on custom, high-speed, computer controlled machines for consistent thread spacing
- Customized patterns and spacing offered to adapt to your specialized applications
- Ink and paint elements have a 3-stage multi-pattern winding process offering true depth loading and prevents core blinding
- With 14 media selections and 15 micron ratings, we can produce the elements you require
- All end cap configurations available to fit your existing housing
- Standard diameters are 2.5 and 4.5 inches
- Standard lengths from 9.75 to 40 inches
- FDA Title 21 Compliant Media



## Available End Caps



226



222



DOE GASKET



CLOSED



SPRING



FIN



CORE EXTENDER



# Specifications & Ordering

Media	Max. Temperature	Applications
FNC – Natural Cotton	300°F / 150°C	Same (non-FDA) applications as bleached cotton.
FBC – FDA Bleached Cotton	300°F / 150°C	For potable liquids, vegetable oils, beverages, organic solvents, water, dilute acids, petroleum oils and other services.
FPY – Polyester	250°F / 121°C	Chemical compatibility similar to cotton and polypropylene. Has a higher temperature resistance than polypropylene in most cases
FEP – Polypropylene	180°F / 82°C	Filtration of organic acids, alkalis, solvents and many other chemicals. Very effective in low viscosity solutions.
FFP – FDA Polypropylene	180°F / 82°C	Same chemical compatibility as polypropylene but complies with FDA regulations that permit contact with food and edible products.
FRY – Rayon	300°F / 150°C	Chemical compatibility similar to cotton. Used primarily in filtration of petroleum oils.
Cores	Max. Temperature	Characteristics
P – Polypropylene FDA	180°F / 82°C	For lower temperature applications of corrosive fluids and gases. Easily incinerated to a trace of ash.
T – Tinned Steel	375°F / 191°C	General purpose applications
S – 304 Stainless Steel	750°F / 399°C	For high temperature dilute acids and moderately corrosive fluids.
A – 316 Stainless Steel	750°F / 399°C	For high temperature applications and highly corrosive fluids.
Gaskets & O-Rings	Max. Temperature	Characteristics
B – Buna	300°F / 149°C	Very good resistance to water, alkalis and many acids. Poor resistance to oils, gasoline and most solvents (except oxygenated)
V – Viton®	450°F / 232°C	Can be used at high temperature with many fuels, lubricants, hydraulic fluids and solvents
T – Teflon®	500°F / 260°C	Excellent resistance to almost all chemicals and solvents. Good heat resistance, exceptionally good low-temperature properties.
S – Silicone	600°F / 316°C	Excellent heat resistance. Fair water resistance, poor resistance to steam at high pressures. Fair to good acid and alkali resistance, poor resistance to oils and solvents
N – Neoprene	250°F / 121°C	Good resistance to non-aromatic petroleum, fatty oils, solvents (except aromatic, chlorinated or ketone types). Good water and alkali resistance, fair acid resistance.
E – EPDM	300°F / 149°C	Very good water resistance. Excellent resistance to oils and gasoline. Fair to good resistance to acids and alkalis.

## Ordering Information



Media		Micron Rating	Cartridge Outside Dia.		Cartridge Length	Core Material		Core Cover		End Configuration		Packaging		
Code	Description		Code	Desc.		Code	Description	Code	Desc.	Code	Description	Code	Desc.	
FBC	FDA Bleached Cotton	1	T	2"	9.75" - 40"	T	Tinned Steel	V	Core - Fiberglass	E	Extension Same as Core	IW	Individually Wrapped	
FWC	White Cotton	3	E	2 1/4"		P	Polypropylene	Y	Core - Polypropylene	M3	B = Buna O-Ring			
FNC	Natural Cotton	5	F	2 3/8"		S	304 Stainless Steel	NPE	Filter - Polypropylene		E = EPDM O-Ring			
FFP	FDA Polypropylene	10	R	2 1/2"		A	316 Stainless Steel				V = Viton O-Ring			
FEP	Industrial Polypropylene	15	S	2 3/4"		PH	Glass Filled Polypro				S = Silicone O-Ring			
FIB	Fibrillated Polypropylene	20	P	3"		X	Special				M7	Polypro 222 W/ Fin SOE		
FPY	Polyester	25	BB	4 1/2"							M8	Polypro 226 W/ Fin SOE		
FFG	Fiberglass	30									E-Spring	Core Extension W/ Polypro Spring		
FGH	Heat Purified Fiberglass	50									Plug	Polypro Plug SOE		
FRY	Rayon	75												
FOR	Acrylic (Orlon)	100												
FRT	Ryton	150												
FCB	Flexible Graphite	200												
FTE	Teflon	350												