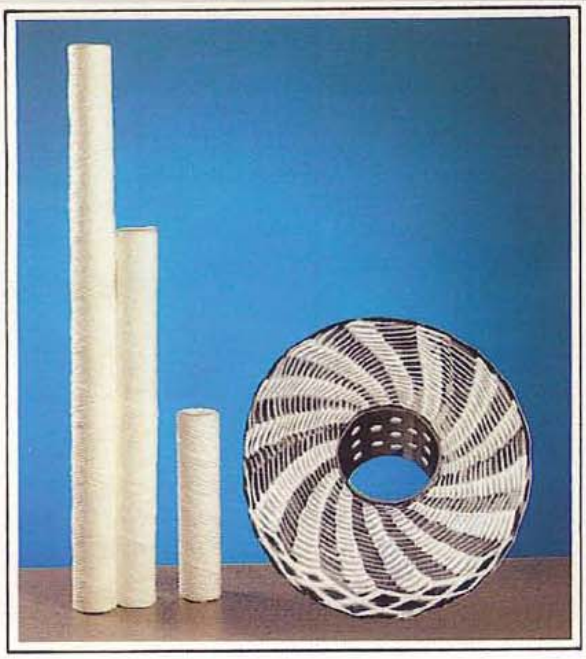
STRING WOUND FILTER CARTRIDGES

A wound filter cartridge is made by diagonally winding a precise pattern of carefully selected fibers on a center core. The pattern is designed to create hundreds of identical, tapered, spiral passageways. During the winding, fibers are combed across the passageways and locked in place by the succeeding layers. Solid particles are removed by entrapment in this highly efficient filter media. Filtration takes place throughout the entire cartridge, not just on the surface, so large amounts of contaminant are trapped without a sudden rise in pressure caused by surface blinding. By varying the wind pattern, cartridges are fabricated to give a pre-determined micrometer rating.



Wound cartridges are available in many different fibers to meet a broad range of filtration applications.

NSF
Certified to NSF/ANSI 61

ISO Certified 9001

Cores made of tinned steel, stainless steel, and polypropylene are widely used. Core covers which assure a positive control over fiber migration are available on selected cartridges. Multilength cartridges minimize change time and eliminate spacers. Lengths are available to fit most filter vessels.
Call for assistance in finalizing your cartridge selection and to place an order.

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Cartridge Nomenclature

Nominal Diameter	Particle Retention	Filter Media	Center Core Material	Nom. Length	Options
A 2 3/8"	150	A Bleached Cotton	P Polypropylene	60	B Blank End
AA 2 1/2"	100	FA FDA Grade Cotton	Q Glass Reinforced Polypropylene	50	EC End Caps
B 2 1/4"	75	B Premium Rayon	R Tinned Steel	40	M Core Cover
C 2"	50	C Standard Rayon	T 304 Stainless Steel	36	SC Spring Cap
D 2 3/4"	40	D Premium Polypropylene	U 316 Stainless Steel	30	SPR Spring
E 2 1/8"	30	FD FDA Grade Polypropylene	V PVC	291	X Gaskets
F 3"	25	E Standard Polypropylene		20	XCP Extended Core Polyprop.
G 3 1/2"	20	F Unbleached Cotton		195	XCR Extended Core Tin.
H 4"	15	G Glass Fiber		125	XCT Extended Core 304 Stainless
J 4 3/8"	10	H Heat Purified Glass Fiber		12	XCU Extended Core 316 Stainless
K 4 1/4"	7	J Fibrillated Polypropylene		10	222 222 End Cap
L 1 7/8"	5	K Polyester Blend		97	226 226 End Cap
M 5"	3	N Nylon		93	
N 5 1/2"	1	T Teflon		6	
P 1 5/8"	1/2	X Ryton		5	
Q 5 7/8"		Y Acrylic		47	
R 3 1/4"		Z Hand Twisted Glass Fiber		4	
T 2 5/8"				3	
V 6"					

The part number nomenclature system for MGS Filter Cartridges is completely descriptive of the filter tube. The chart above indicates the meaning of the various symbols. Note: A numeric prefix denotes a non-standard core diameter.