

## Filter Data Sheet

### String Wound Filter Cartridges

- Available in a wide variety of lengths and micron ratings from 5 to 50 inches and 0.5-150  $\mu$
- Medias to fit all applications including: polypropylene, bleached cotton, natural cotton, polyester, and nylon
- Core materials include: polypropylene, 304 & 316 stainless steel, and tin
- Performance-enhancing end-configurations available to fit every process requirement

#### Maximum Recommended Operating Conditions

**Differential Pressure**.....35 PSI  
**Temperature**..... Dependent upon materials of construction

#### Dimensions (Nominal)

**Length** ..... 5 to 50 inches  
**Outside Diameter**.....2.5 inches (6.3 cm)  
**Inside Diameter** ..... 1.1 inch (2.8 cm)

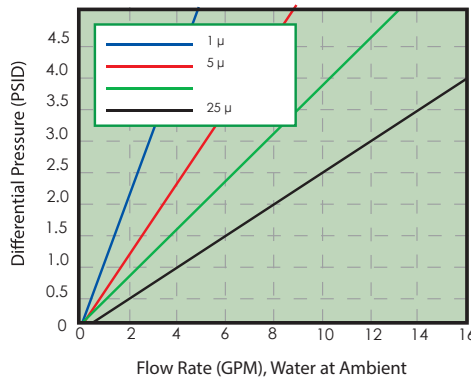
#### Construction Materials

**Filtration Media** ..... See Table  
**End Caps** ..... Polypropylene  
**Core** ..... See Table  
**O-Rings/Gaskets** ..... Silicone, Buna, Polyfoam, EPDM, Viton, Teflon®

#### Typical Applications

Chemicals	Pharmaceutical
Consumer Products	Photographic
Food and Beverage	Plating Solutions
Oils	Vegetable Oils
Paints	Water
Inks	Waste Treatment
Petro Chemicals	

#### Pressure Drop vs. Flow Rate



#### Ordering Information

SPX	Media	Rating ( $\mu$ )		Diameter	Length	Core	End Cap Style	O-Rings/Gaskets
	Polypropylene = P	0.5	1	63mm = A	5.0" = 5	Polypro = P	DOE Flat Gasket = 2	B = Buna
	PP (Fibrillated) = PF	2	3	115mm = B	9.75" = 912	304 SS = A	222 w/Fin = 3	E = EPDM
	Bleached Cotton = C	5	10		10" = 10	316 SS = S	222 w/Flat Cap = 4	S = Silicone
	Natural Cotton = CU	15	25		19.5" = 198	Tin = TS	222 w/Spring = 5	V = Viton
	Rayon = R	50	75		20" = 20		226 w/Flat Cap = 6	P = Polyfoam
	Nylon = N	100	150		29.5" = 298		226 w/Fin = 7	T = Teflon®
	Polyester = PE				30" = 30		226 w/Spring = 8	
					39" = 39		SOE w/ Spring = 9	
					40" = 40		DOE w/Core Extender = 10	
					50" = 50			

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification, or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates, and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.