



StringFine

Wound filter cartridges



StringFine filter elements are the solution provider whenever the application requires a specific chemical compatibility or high temperature resistance.

StringFine range offers a wide choice of filter media to be combined with an equally wide range of inner cores, thus to satisfy all critical applications.

Benefits:

- graded pore structure
- high contaminant holding capacity
- no binders



CARTRIDGE CODE SELECTION

Cartridge length	Filter media material	Inner core material	Nominal micron rating	End-cap 1	End-cap 2	Gasket material
4" = 4	Polypropylene = M	Polypropylene = P	1μ = 1	None = -	None = -	None = -
5" = 5	Cotton mix = C	304 ss = X	3μ = 3	Open = A	Open = 1	Buna = N
7" = 7	Pure cotton = W	316 ss = S	5μ = 5	Capped = C	O.R..2-222 = 8	Viton = V
10" = 10	Rayon = V	Galvanized st.: = Z	10μ = 10	Spear = P	O.R..2-226 = 7	Silicone = S
20" = 20	Polyprop.FDA = L		20μ = 20			EPDM = E
30" = 30	Glass fiber = G		30μ = 30			PTFE = T
40" = 40			50μ = 50			
			100μ = 100			
10	M	P	20	-	-	-

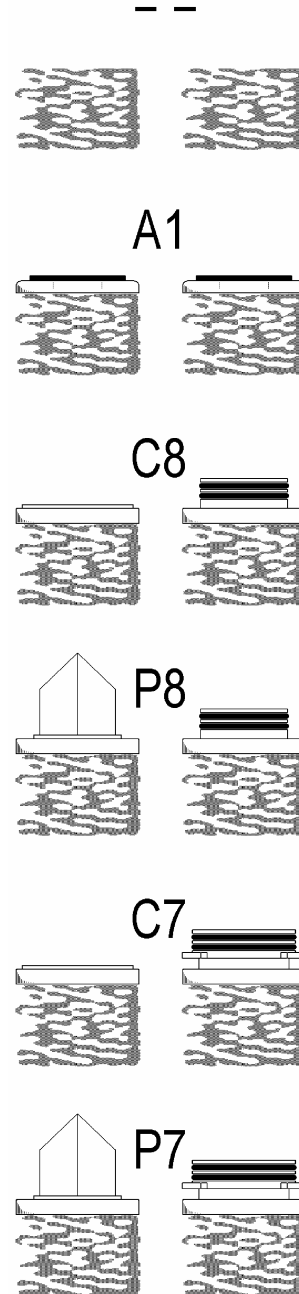
Chemical compatibility and temperature recommendations

Fluid		Filter media material	Inner core material	Max temperature
ACIDS				
• Nitric acid	25%	polypropylene	polypropylene	80°C
• Nitric acid	70%	glass fibre	stainless steel	400°C
• Hydrochloric acid	30%	polypropylene	polypropylene	80°C
• Sulphuric acid	75%	polypropylene	polypropylene	80°C
• Sulphuric acid	95%	glass fibre	stainless steel (304)	400°C
• Formic acid		glass fibre	stainless steel (316)	400°C
BASES				
• Sodium hydroxide	40%	polypropylene	polypropylene	80°C
• Potassium hydroxide	30%	polypropylene	polypropylene	80°C
CHEMICALS				
• Sodium hypochlorite		polypropylene	polypropylene	80°C
• Peracetic acid		polypropylene	polypropylene	80°C
• Hydrogen peroxide		polypropylene	polypropylene	80°C
• Ethilene oxide		cotton	stainless steel	10°C
SOLVENTS				
• Xylene		cotton	stainless steel	150°C
• Toluol		cotton	stainless steel	150°C
• MEK		cotton	stainless steel	150°C
• Freon		cotton	stainless steel	93°C

Main applications

- Chemical
- Power generation
- Water treatment
- Electroplating
- Solvents

End-Caps configuration



Water flow-rate for a 10" module

