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

Filterflo S.r.l.
Via Copernico, 2/4
20082 Binasco MI - Italy

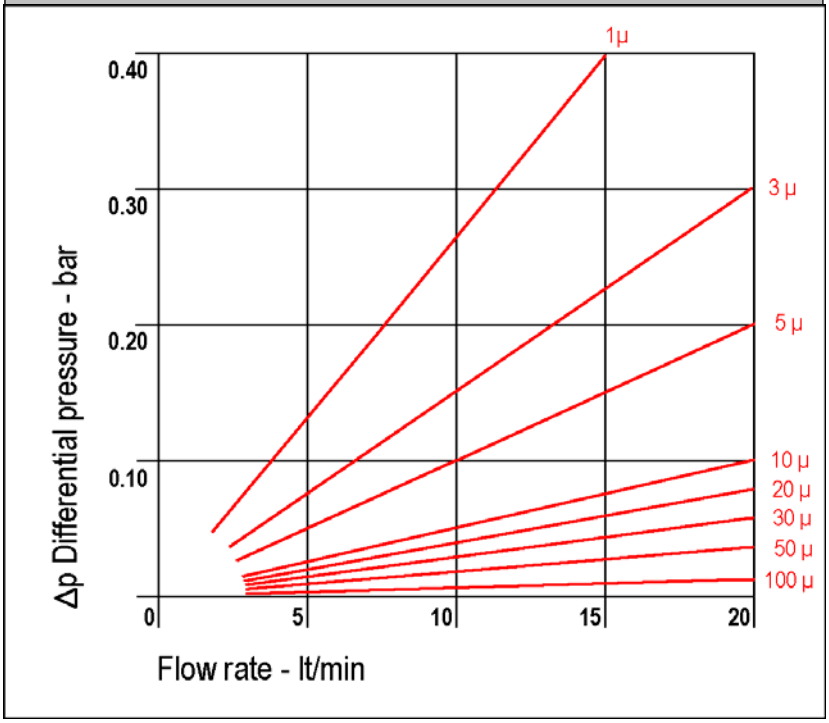
Ph +39 02 90091439
Fax +39 02 90096393
web: www.filterflo.net e-mail: export@filterflo.net

StringFine

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

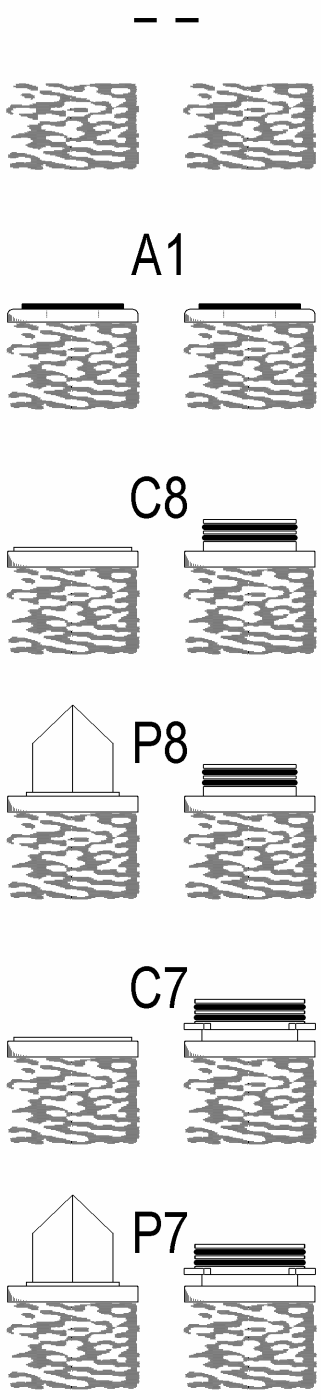
Water flow-rate for a 10" module



Main applications

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

End-Caps configuration



Filterflo S.r.l.
Via Copernico, 2/4
20082 Binasco MI

Ph +39 02 90091439
Fax +39 02 90096393
web: www.filterflo.net e-mail: export@filterflo.net