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## Polypropylene String Wound Filter Cartridges (DOE Type)



CSB® PP string wound filter cartridges are wound by using FDA grade polypropylene yarn. Our PP wound filter cartridges offer true depth filtration with high dirt holding capacity and extremely low media migration.

Features :

- @ Media compliance with FDA regulations for food contact under CFR21.
- @ Broad chemical and temperature compatibility.
- @ True depth filtration.
- @ High filtration efficiency and non-leaching.
- @ Fit all industrial vessel.

Application :

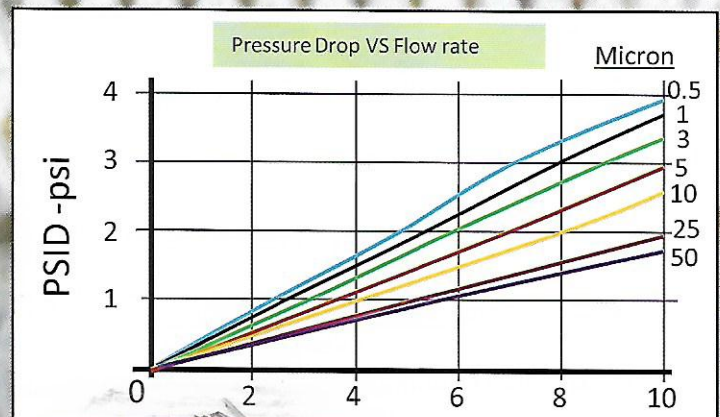
- # Food & Beverage
- # Prefilter for membrane.
- # Plating
- # Organic Solvent
- # Chemicals
- # Dilute acid
- # PCB process
- # DI water
- # Cooking oil
- # Pharmaceuticals
- # Petroleum oil
- # others

### Products Specification : -

Filter Media	FDA grade Polypropylene yarn
Nominal Rating	0.5 , 1 , 3 , 5 , 10 , 15 , 20 , 25 , 30 , 50 , 75 , 100 , 125 , 150 , 200 µm
Core Material	Polypropylene , Stainless steel 304 , Stainless steel 316 , Tin Steel
Inside Diameter	1.1" (28mm) / 1.2" (30mm)
Outside Diameter	2"(55mm) , 2.5" (63mm) , 2.75" (69mm) , 4.5" (114mm) , Others Diameter
Length	5"(127mm) ,10"(254mm) ,20" (508mm) ,30" (762mm) ,40" (1016mm) ,50" (1270mm) ,60" (1524mm)

### Operation Data : -

	Core Type	
	PP	Steel
Maximum Operating Temperature	70° c	90° c
Maximum Differential Pressure	60psi ( 4.1 bar ) ( ambient temperature)	
Recommended Change Out	30psi ( 2.1 bar )	
Nominal Removal Efficiency	Max. 90%	



Based on 2 PSID Flow Rate -gpm

Micron	0.5	1	3	5	10	25	50	
Flow Rate	gpm	< 4.5	5	6	7	8	9	10
	lpm	< 17	18.9	22.7	26.5	30.3	34.1	37.9
	m³/h	< 1.02	1.14	1.36	1.59	1.81	2.04	2.27