



CSB Precision Engineering (M) Sdn. Bhd. (600866-V)
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Bleach Cotton String Wound Filter Cartridges (DOE Type)



CSB® Cotton string wound filter cartridges are wound by using FDA grade bleach cotton yarn. Our cotton 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 :

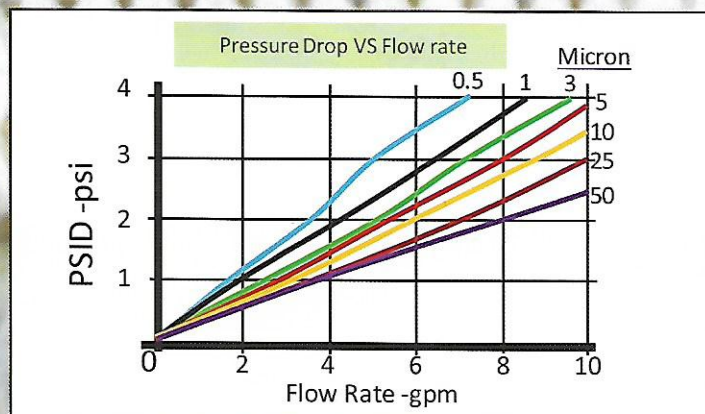
- # Food & Beverage
- # Prefilter for membrane.
- # Plating
- # Organic Solvent
- # Chemicals
- # Dilute acid
- # Palm oil refinery
- # DI water , waste water
- # Vegetable oil , animal oil
- # Oleochemical
- # Petroleum oil
- # others

Products Specification : -

Filter Media	FDA grade Bleach Cotton 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)
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	121° c
Maximum Differential Pressure	60psi (4.1 bar) (ambient temperature)	
Recommended Change Out	30psi (2.1 bar)	
Nominal Removal Efficiency	Max. 90%	



Flow Rate -gpm		Micron						
		0.5	1	3	5	10	25	50
Flow Rate	gpm	< 3.7	4	5	5.5	6	7	8
	lpm	< 14	15	18.9	20.8	22.7	26.5	30.3
	m³/h	< 0.84	0.91	1.14	1.25	1.36	1.59	1.81



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Fiber Glass String Wound Filter Cartridges (DOE Type)



CSB® FG string wound filter cartridges are wound by using 100% pure fiberglass yarn. Our FG wound filter cartridges offer true depth filtration with high dirt holding capacity, extremely low media migration and specially designed for high temperature application.

Features :

- @ For High temperature and high corrosion.
- @ Multiple length cartridges minimize change out time.
- @ True depth filtration.
- @ High filtration efficiency and non-leaching.
- @ Fit all industrial vessel.

Application :

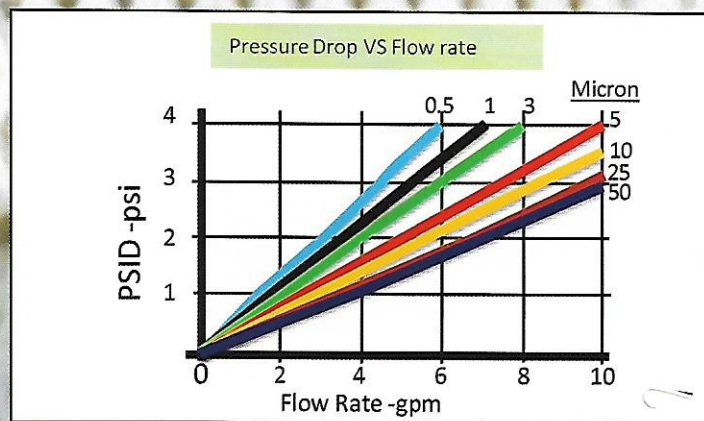
- # Oleochemical
- # Petroleum oil
- # Chemicals processing
- # Organic Solvent
- # Dilute acid
- # Strong acidss
- # Oxalic acids
- # Phosphoric acids.
- # Oxidizing agents
- # Sodium Cyanide
- # Others

Products Specification : -

Filter Media	Virgin Fibreglass Yarn
Nominal Rating	0.5 , 1 , 5 , 10 , 15 , 20 , 25 , 30 , 50 , 75 , 100 µm
Core Material	Stainless steel 304 , Stainless steel 316 , Tin Steel
Inside Diameter	1.1" (28mm)
Outside Diameter	2" (55mm) , 2.5" (63mm)
Length	5" (127mm) , 10" (254mm) , 20" (508mm) , 30" (762mm) , 40" (1016mm) , 50" (1270mm) , 60" (1524mm)

Operation Data : -

	Core Type
	SS304, SS316
Maximum Operating Temperature	401° c
Maximum Differential Pressure	60psi (4.1 bar) (ambient temperature)
Recommended Change Out	30psi (2.1 bar)
Nominal Removal Efficiency	Max. 90%



Flow Rate -gpm		Micron						
		0.5	1	3	5	10	25	50
Flow Rate	gpm	< 3	3.5	4	5	5.5	6.5	7.5
	lpm	<11.4	13.2	15	18.9	20.8	24.6	28.4
	m³/h	< 0.68	0.79	0.91	1.14	1.25	1.48	1.7