

1.1.5 CA Pleated Filter Cartridge

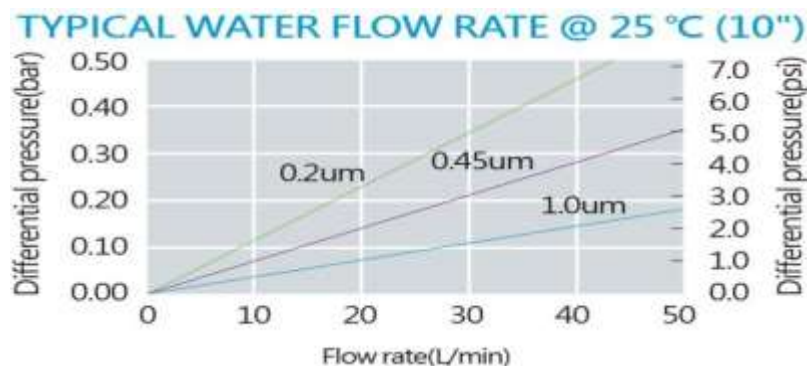
CA pleated filter cartridge is made of CA membrane and PP support layer. All construction processes are thermally welded without using any glue or adhesives to get low extraction level. The low protein binder makes it ideal using in Pharmaceuticals.

Features

- * Naturally Hydrophilic Cellulose Acetate membrane
- * Absolute Rating, Filtration effective $\geq 99.99\%$
- * Low binding capacity, suitable for the filtration of high value biological solutions and pharmaceuticals
- * Super flow rate for water or near water liquid filtration
- * 100% integrity tested

Application

- * Pharmaceuticals; Plasma; Serum; Vaccine; Ophthalmic; LVP; SVP
- * Alcohol, Wine, Beer, Juice, Colas, Bottled water
- * Process water of microelectronics application



Specifications

Construction Materials	Filter Media	Cellulose Acetate membrane
	Support Layers	Polypropylene
	Inner core	Polypropylene
	Outer cage, End Cap	Polypropylene
	Seal Method	Thermal Bonding, No Adhesives
	O-rings/ Gaskets	Silicone/EPDM/Viton/PTFE/Nitrile
Technical Data	Micron Rating	0.2, 0.45, 0.65, 1.0 um
	Operating Temperature	Normal <55°C (131 °F) Max. <80°C (176 °F)
	Normal Flow Direction pressure	4.2 bar (60.9 psi) at 25°C (77°F)
	Reverse Flow Direction pressure	2.1 bar (30.5 psi) at 25°C (77°F)
	pH Value Compatibility	6-8
	Sterilization	Steam sterilization for 30 min at 135°C, cumulative time:50 hours
Cartridge Size	Outer Diameter	Φ 69 mm(2.75'')
	Inner diameter	Φ 33 mm(1.30'')
	Length(based on DOE end cap)	10'', 20'', 30'', 40''
	Filtration Area(m ²)	0.65 m ² /10''
Biosecurity	Endotoxin	<0.25 EU/ml
	Extractable	≤30 mg/10''
100% Integrity test Purified Water at 25°C (77 °F)	0.2 um 0.45 um 1.0 um	≥1.6 bar (23 psi) ≥0.8 bar (12 psi) ≥0.2 bar (3 psi)