

2.2 CA Pleated Capsule Filter

CA pleated Capsule Filter 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
- * Bio-Pharm, Research.

684110	<p>Connection type: 1/2" hose barb</p> <p>Length: 2.5inch, 5inch</p>	<p>The technical drawing shows a cylindrical capsule filter with a pleated membrane. It features an M10 blank cap on the left side and a 1/2" hose barb on the right side. Dimensions are provided: an outer diameter of 73 (Ø73), an inner diameter of 68 (Ø68), and a total length of 160. An arrow labeled 'INLET' indicates the flow direction through the center of the filter.</p>
--------	--	--

Specifications

Construction Materials	Filter Media	Cellulose Acetate Membrane
	Housing	Polypropylene
	Inner Core	Polypropylene
	Format	Capsule filter
	Seal Method	Thermal Bonding, No Adhesives
	Material Seal	Silicon
Technical Data	Micron Rating	0.2um + 0.45 um, Dual Pore
	Operating Temperature	Normal: 20°C : 5 bar; 50°C : 3 bar Max. 85°C (P= 1.0 bar)
	Maximum Allowable Back Pressure	2 bar (29 psi) at 20 °C ; 1.5 bar (21.8 psi) at 50°C
	Flow Rate	1.2l/min (P= 0.1 bar)
	pH Value Compatibility	2-13
	Sterilization	Steam sterilization for 30 min at 135°C, 2 bar min
Capsule Size	Outer Diameter	Φ 108.5 mm
	Filter Size	2.5 inch
	Filtration Area(m ²)	0.12 m ² /2.5"
Biosecurity	Endotoxin	<0.25 EU/ml
	Extractable	≤10 mg/5"
Connector	Inlet	½" Single stepped hose barb
	Outlet	½" Single stepped hose barb