

CELLULOSE ACETATE MEMBRANE FILTERS

Recommended for aqueous samples, biological applications and protein filtration.

- Made entirely from pure cellulose acetate.
- Hydrophilic.
- High flow rate.
- High thermal stability.
- Very low adsorption.
- Suited for use in pressure filtration devices.
- Resistant to aqueous solutions with pH 4-8, most alcohols, hydrocarbons and oils.
- Pore size from 0.20 µm to 0.80 µm.
- Filter diameters from 13 mm to 293 mm.
- White and plain surface.



- Filtration of aqueous solutions.
- Sterilisation of cell and biological solutions (membranes with a pore size of 0.20 µm are specially recommended when the recovery of protein is critical).
- Filtration of proteins and enzymes.
- Biological and clinical analysis.
- Sterilisation of culture media.



Material	Pore µm	Thickness ⁽¹⁾ mm	Flow rate ⁽²⁾ ml/min	Bubble point ⁽³⁾ bar
Cellulose acetate	0.20	120	24	>2.9
	0.45	120	69	1.9
	0.65	120	130	1.3
	0.80	120	200	0.8

⁽¹⁾ Acc. DIN 53105

⁽²⁾ Acc. DIN 58355: average value per cm² area at Δp = 1 bar

⁽³⁾ Acc. DIN 58355

- Adsorption: bovine serum albumin < 10 µg/cm².
- Extractables with water less than 1 %.
- Sterilization: by autoclaving at 121 °C or 134 °C, with γ-radiation, dry heat or ethylene oxide.
- Maximum temperature 180 °C (heat stable).

Pore Ø	0.20 µm	0.45 µm	0.65 µm	0.80 µm
13 mm	AC02013BL	AC04513BL	-	AC08013BL
25 mm	AC02025BL	AC04525BL	AC06525BL	AC08025BL
47 mm	AC02047BL	AC04547BL	AC06547BL	AC08047BL
90 mm	AC02090BL*	AC04590BL*	-	-
142 mm	AC020142BL*	AC045142BL*	AC065142BL*	AC080142BL*
293 mm	AC020293BL*	AC045293BL*	AC065293BL*	AC080293BL*

Presentation: 100 units / box

* Presentation: 25 units / box

Other sizes available on request.