

4.2 Cellulose Nitrate

The Cellulose Nitrate membranes (CN) are hydrophilic and have a wealth of high filtration and dirt-holding capacity. These features make them the preferred type of membrane in most aqueous applications in manufacturing and rapid diagnostic kits. Its special manufacturing process ensures a uniform pore structure and regular and consistent thickness.



Biologically inert, NC membranes are widely used in clarification, sterilization and analytical applications. Show an exceptionally low level of extractable versus other membranes in the market.

Features

- * Smooth Surface, hydrophilic, Uniform porosity
- * High flow rate, great dirt-holding capacity low extractable.
- * Operating temperature max. 80° C

Application

- * Filtration of aqueous solutions, Sterilization Tests, Microbiological Analysis
- * Black color for beverages analysis sample preparation

Specifications

Description	Master Catalog Number	KS-15002 KS-15004 KS-15006 KS-15008
Construction Material	Filter Media Thickness	Cellulose Nitrate 120um
Technical Data	Micron Rating	0.2um, 0.45um, 0.6um, 0.8um
	Bubble Point	2.9 bars
	Burst Pressure	0.8 bars
	Flow Rate	24ml/min/cm ² /bar (Water)
	Size	90mm, 142mm, 293 mm
	Sterilization	By autoclaving at 121°C or 134°C Gamma radiation 25 kGy