



Specification Sheet

CELLULOSE NITRATE MEMBRANE DISC FILTER PAPER



Cellulose nitrate membrane filters are absolute filters for aqueous solutions and other compatible fluids. They are non-media migrating & autoclavable. Also, they are naturally hydrophilic and biologically inert.

Five grades of pore sizes are available viz 0.22, 0.45 & 0.8, 1.2 & 5 microns. They are available in various diameters.

FEATURES & BENEFITS

- Absolute filtration
- High flow rates
- Narrow pore size distribution
- Low extractable levels

PRODUCT SPECIFICATIONS

Sterilisation	Autoclavable at 121°C in dry condition.
Diameters	Are available in diameters of 13, 25, 47, 90, 142 & 293 mm
Max. oper. temperature	80°C continuous
Max. oper. pressure	3 Kg/ cm ²
Biosafety	Passes the biological tests for class VI plastics as described in USP
Oxidizable matter	Passes as per USP

INTEGRITY TEST DATA

Type	Pore Size	Wetting fluid	Bubble Point		Water Flow (ml/ min/ cm)
			Psi	Kg/ Cm2	
CN	0.22μ	Water	52	3.65	20
CN	0.45μ	Water	33	2.32	46
CN	0.8μ	Water	14	0.98	259
CN	1.2μ				364
CN	5μ				780

APPLICATIONS

- Sample preparations
- Patch test of liquids
- Microbiological studies
- Filtration of aqueous solutions