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Specification Sheet

NLON-66 MEMBRANE DISC FILTER PAPER



Nylon 66 membrane filters are absolute filters with well defined maximum pore size. They are used as final filters. These filters are non fiber releasing & double layered membranes. They offer wide chemical compatibility. Are compatible with many solvents & alkali solutions. pH range is from 3-14. They can be sterilized or autoclaved. Other unique features include extremely low extractables, no surfactants & naturally hydrophilic. Four grades of pore sizes are available viz 0.22, 0.45, 0.8 & 1.2 microns. They are available in various diameters.

FEATURES & BENEFITS

- Absolute filtration
- Wide chemical compatibility
- Non fiber releasing
- Well defined maximum pore size
- Heat & chemical resistant
- Extremely low extractable
- Naturally hydrophilic
- Biologically inert
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PRODUCT SPECIFICATIONS

Sterilisation	Autoclavable at 121°C for 5 cycles.
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
Extractables with water	Within limits as specified 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/ cm ²	
NN	0.22μ	Water	52	3.65	12
NN	0.45μ	Water	35	2.32	38
NN	0.8μ	Water	14	0.98	125
NN	1.2μ	Water	12	0.65	185

APPLICATIONS

- Sterilization of injectable, sterility testing
- HPCL solvents & sample filtration
- Microbiological and life science experiments