

Nylon-66 Membrane Filter- Type NN

Nupore Nylon Membrane Disc Filter are double layered hydrophilic, non-media migrating, biologically inert, flexible, durable, plain white absolute membrane filters offering wide chemical compatibility.

Features and Benefits

- Absolute retention
- Wide chemical compatibility (Compatible with many Solvents and alkali solutions - pH range 3-14)
- No extractables
- High heat resistance
- Ease of handling

Specifications

- **Pore Size:** 0.22µm, 0.45µm, 0.8µm, 1.2µm
- **Diameter:** 13mm, 25mm, 47mm, 90mm, 142mm, 293mm
- **Water Flow Rate at DP= 10psi, 20°C:** 14.5, 38.5, 125, 187(ml/min/cm²)
- **Sterilisation:** Autoclavable at 121°C for 5 cycles
- **Maximum Operating Temperature:** 80°C continuous
- **Maximum Operating Pressure:** 5 Kg/cm²
- **Biosafety:** Passes the Biological tests for Class VI plastics as described in USP
- **Extractables with Water:** Within limits specified in USP
- **Oxidizable Matter:** Passes as per USP
- **Integrity Test Data:**
 - 0.22µm Wetting Fluid (Water) - Bubble Point @ 52psi (3.65 Kg/cm²)
 - 0.45µm Wetting Fluid (Water) - Bubble Point @ 33psi (2.32 Kg/cm²)
 - 0.8µm Wetting Fluid (Water) - Bubble Point @ 14psi (0.98 Kg/cm²)



Ordering Information:

Type		Size		Pore Size		Sterilization	
Type	Code	Dia	Code	Pore Size	Code		Code
NN	NN	13mm	13	0.22µm	022	Non Sterile	SN
		25mm	25	0.45µm	045	EO Sterile	SE
		47mm	47	0.8µm	08	Gamma Sterile	SG
		90mm	90	1.2µm	12		
		142mm	142				
		293mm	293				

Example:	NN	13	022	SN
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