

Edge Hydrophobic Membrane Disc Filters Type- EHCN

Nupore EHCN membranes are used for sterility testing of antibiotics and drugs containing bacteriostats, 6mm rim is hydrophobic and rest of the membrane is hydrophilic.

The hydrophobic edge does not allow the drug to seep under the rim of the filter holder.

This ensures complete removal of the drug during flushing so that growth of microorganisms which have been retained on the membrane is not inhibited due to the residual drug, improving the sensitivity and reliability of the test.

Cost reduction is possible by reducing or eliminating antibiotic breaking enzymes.



Applications

- Product Microbiology of antibiotics and drugs containing bacteriostats
- Sterility testing of antibiotics and drugs containing bacteriostats

Validated for

- Sterility
- Microbial retention
- Microbial recovery with antibiotic drug samples

Specifications

- **Retention Efficiency** : LRV > 7 for *S. Marcescens*
- **Pore Size** : 0.45µm
- **Bubble Point** : ≥32psi (2.25Kg/cm²) with water
- **Diameter** : 47mm
- **Water Flow Rates** : (Water Flow Rates at ΔP = 10psi, 27°C)
EHCN @ 45ml/min/cm²

Ordering Information

Type		Size		Pore Size		Sterility	
Type	Code	Dia	Code	Pore Size	Code		Code
EHCN	EHCN	47mm	47	0.45µm	045	Non Sterile	1
						EO Sterile	2

Example:	EHCN	47	045	1
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