Edge Hydrophobic Membrane Disc Filters Type- EHCN

Membrane Technologies

Data Sheet

mdi Edge Hydrophobic Membrane Disc Filters are used for sterility testing of antibiotics and drugs containing bacteriostats. The 6mm hydrophobic edge does not allow the drug to seep under the rim of the filter holder during filtration. This ensures complete removal of the drug during flushing so that growth of any 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.

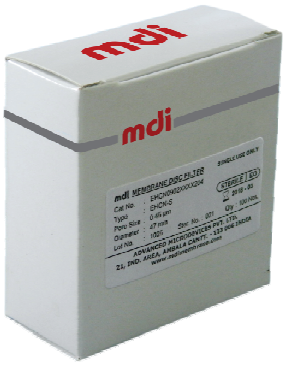
mdi filters are produced in a facility with ISO-9001:2008 certified quality management system.

Special Features

- Absolute Retention
- High flow rates

Applications

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



Specifications

Materials of Construction

Filter Media	Cellulose Nitrate membrane with 6mm Hydrophobic Rim

Size

47mm

Pore Size

0.45 µm

Bubble Point (Water wetted)

0.45µm	≥ 32psi (2.25Kg/cm²)

Retention Efficiency

0.45µm	LRV > 7 for S. marcescens

Water Flow Rates

0.45µm	≥ 45ml/min/cm² @ 0.70 Kg/cm² @ 27 °C

Sterilization

Pre-sterilized with EO

Fiber Release

Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release

Particle Release:

The filtrate complies with USP <788> test for particulate matter in injectables

Oxidizable Substances

Within limits as specified in USP

Ordering Information

Type		Size		Pore Size		XX	XX	Sterility		Pack Size	
	Code	Diameter	Code		Code				Code	Qty	Code
EHCN	EHCN	47mm	09	0.45µm	02			Non Sterile	1	100	04
								EO Sterile	2		

Example:						
EHCN	09	02	XX	XX	1	04

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