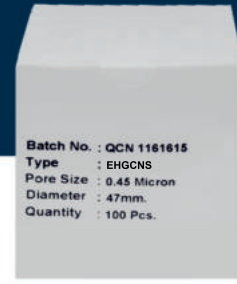


# Edge Hydrophobic Gridded Membrane Disc Filter - Type EHGNC



Nupore EHGNC membrane disc filter is a specially designed gridded membrane filters with 6 mm hydrophobic rim and rest of the membrane is hydrophilic. The grid on the surface facilitates counting of bacterial colonies.

The hydrophobic edge does not allow the drug to seep under the rim of the filter holder, ensuring complete removal of the drug during flushing so that growth of microorganism which have been retained on the membrane is not inhibited due to the residual drug, improving the sensitivity and reliability of the test.

Each Nupore GCN membrane is validated for sterility, microbial retention and inhibitory effect or ink grids on membrane filters as per ASTM D 4200-82.

It is used for sterility testing of antibiotics and drugs containing bacteriostats.

## Key Applications

- Product microbiology of antibiotics and drugs containing bacteriostats
- Sterility testing of antibiotics and drugs containing bacteriostats
- Counting of colonies
- Microbiological studies

## Special Features & Benefits

- ✓ High flow rate
- ✓ Narrow pore size distribution
- ✓ Minimal extractables

## TECHNICAL SPECIFICATIONS

**Max Temp** 80 °C continuous

**Max Pressure** 5 Kg/cm<sup>2</sup>

**Autoclavable** Autoclavable for 30 minutes at 121 °C

**Bubble Point:**  
0.45µm: ≥ 2320 mbar (33 psi) (water wetted)

**Microbial Retention:**  
0.45µm: LRV > 7 for *Serratia marcescens*

**Pore Size** 0.45µm

**Diameter** 47mm

### Validated for:

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

## ORDERING INFORMATION CODES:

Type		Size		Pore Size		Sterilization	
Type	Code	Diameter	Code	Micron	Code		Code
Edge Hydrophobic gridded membrane disc	EHGNC	47 mm	47	0.45 µm	045	ETO	SE
						Non-sterile	SN
						Gamma	SG

EXAMPLE: EHCN47045SN

**NUPORE**<sup>®</sup>

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