

Sterile Membranes for Microbiology

- **Made from Mixed Esters of Cellulose (MCE) or Cellulose Acetate:**

MCE is a mixture of nitrocellulose and other cellulose esters.

- **Available with grid lines:**

Contrasting grid lines facilitate counting colonies on the filter surface and are tested to assure freedom from grid line inhibition. 3.1 mm squares represent 1/100 of the filtration area of a 47 mm diameter filter (9.6 cm²)

- **Convenient packaging:**

Membranes are available individually wrapped for optimum sterility.

- **Specially tested for microbiology:**

All 0.45 µm white gridded membranes are tested for Coliform, Fecal Streptococci and *Serratia marcescens*. All 0.65 µm white gridded membranes are tested for complete retention and optimal recovery of Fecal Coliform and *Saccharomyces cerevisiae*. Black and green membranes are tested for

optimal recovery of yeast and total bacteria. All membranes are also tested for uniform wetting, freedom from grid line inhibition and optimal color reactions on appropriate test media.

- **Membrane certification**

for individual lot numbers is available on request. Advantec membranes were developed and are manufactured to comply with the provisions of:

- The National Interim Primary Drinking Water Regulations
- Guidelines for Establishing Test Procedures for the Analysis of Pollutants
- Standard Methods for the Examination of Water and Waste water
- ASTM

- **Applications**

Applications include microbiological analysis of water, wastewater, pharmaceuticals and beverages.

Sterile Membranes for Microbiology

Three colors are available:

- White plain and with grids
- Black plain and with grids
- Green with grids

Specifications for MCE membranes, please see page 6 and page 8 for CA membranes



Ordering Information

MCE – White

Pore Size [µm]	Diameter [mm]	Surface	Packing	Cat. No.
3.00	50	Plain	100	A300G050A
	50	Grid	100	A300H050A
1.00	47	Grid	100	A100H047A
	50	Grid	100	A100H050A
0.80	47	Plain	100	A080G047A
	47	Grid	100	A080H047A
	50	Plain	100	A080G050A
	50	Grid	100	A080H050A
0.65	47	Plain	100	A065G047A
	47	Grid	100	A065H047A
	50	Grid	100	A065H050A
0.45	47	Plain	100	A045G047A
	47	Grid	100	A045H047A
	50	Plain	100	A045G050A
	50	Grid	100	A045H050A
	82	Grid	100	A045H082A
	85	Grid	100	A045H085A
0.20	47	Plain	100	A020G047A
	47	Grid	100	A020H047A

CA – White

Pore Size [µm]	Diameter [mm]	Surface	Packing	Cat. No.
0.45	47	Plain	100	C045G047A
	82	Plain	100	C045G082A
	85	Plain	100	C045G085A
0.20	47	Plain	100	C020G047A

MCE – Black

Pore Size [µm]	Diameter [mm]	Surface	Packing	Cat. No.
0.80	47	Plain	100	A080Q047A
	47	Grid	100	A080R047A
0.45	47	Plain	100	A045Q047A
	47	Grid	100	A045R047A
	50	Grid	100	A045R050A

MCE – Green

Pore Size [µm]	Diameter [mm]	Surface	Packing	Cat. No.
0.45	47	Grid	100	A045W047A
	50	Grid	100	A045W050A