

Molecular Biology & Microbiology

MS® Sterile MCE Gridded Membrane Filter



MS® Sterile mixed cellulose ester (MCE) Gridded Membrane Filter are composed of cellulose acetate and cellulose nitrate. Because MCE membrane is biologically inert, it's one of the most widely used membranes in analytical and research applications. MCE membrane filter is characterized by a smoother and more uniform surface than pure nitrocellulose filter. Also, the color contrast provided by the filter surface facilitates particle detection and minimizes eye fatigue.

Many microbiological techniques include colony counting after incubation as the standard method of quantification. Gridded filters have clearly defined grid lines spaced at 3.1 mm intervals. The special ink used is nontoxic and completely free from bacterial growth inhibitors. White gridded disks are designed for the recovery and retention of *E. Coli* bacteria in water/wastewater analysis as well as other microbiological tests. Black mixed cellulose esters (MCE) are available plain for automatic colony counting applications, as well as gridded to assist in manual counting procedures. Black MCE membranes provide contrast between residue or cell colors and the filter without having to counter-stain the membrane.

Features

- The color contrast provided by the filter surface facilitates particle detection and minimizes eye fatigue.
- Gridded filters have clearly defined grid lines spaced at 3.1 mm intervals.
- The special ink used is nontoxic and completely free from bacterial growth inhibitors.
- White, gridded membrane filters are designed for the recovery and retention of *E. Coli* bacteria in water/wastewater analysis as well as other microbiological tests.
- Black mixed cellulose esters(MCE) are available plain for automatic colony counting applications, as well as gridded to assist in manual counting procedures.
- Black MCE membranes provide contrast between residue or cell colors and the filter without having to counter-stain the membrane.
- Individual Pack

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Code	Description	Packing
Sterile MCE membrane filter, gridded, individually package		
MFMC047022GWS	MCE Gridded Membrane Filter, White, Individually package, Sterile, 0.22(μm), 47(mm)	200
MFMC047045GWS	MCE Gridded Membrane Filter, White, Individually package, Sterile, 0.45(μm), 47(mm)	200
MFMC047080GWS	MCE Gridded Membrane Filter, White, Individually package, Sterile, 0.8(μm), 47(mm)	200
MFMC050022GWS	MCE Gridded Membrane Filter, White, Individually package, Sterile, 0.22(μm), 50(mm)	200
MFMC050045GWS	MCE Gridded Membrane Filter, White, Individually package, Sterile, 0.45(μm), 50(mm)	200
MFMC050080GWS	MCE Gridded Membrane Filter, White, Individually package, Sterile, 0.8(μm), 50(mm)	200
MFMC047022GWSP	MCE Gridded Membrane Filter, Individually package, White, Sterile, 0.22(μm), 47(mm), With Pad	100
MFMC047045GWSP	MCE Gridded Membrane Filter, Individually package, White, Sterile, 0.45(μm), 47(mm), With Pad	100
MFMC047080GWSP	MCE Gridded Membrane Filter, Individually package, White, Sterile, 0.80(μm), 47(mm), With Pad	100