Microlab Sterile Gridded MCE Membrane Filter

- Composition: Mixed cellulose esters including cellulose nitrate and cellulose acetate
- High porosity provides superior flow rates
- High protein binding can be blocked by pretreatment or utilized in applications
- High purity: Triton-free. Hydrophilic
- Gridded filters have clearly defined grid lines spaced at 3.1mm intervals
- Gamma Sterilization

How to pick out the right Gridded MCE Membrane Filter

Step 1, choose the right color

White gridded disks are designed for General Purpose Examination of all Microorganisms, the recovery and retention of E. Coli bacteria in water/wastewater analysis as well as other microbiological tests.

Black gridded disks to assist in manual counting procedures, analysis of yeast and mold and Legionella sp. Examination of White, beige colonies. Providing contrast between residue or cell colors and the filter without having to counter-stain the membrane.

Step 2, choose the right pore size

<table>
<thead>
<tr>
<th>Application</th>
<th>Color</th>
<th>Size(µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sterilizing filtration, bioassays</td>
<td>White</td>
<td>0.22</td>
</tr>
<tr>
<td>Clarification of aqueous solutions, particle removal and analysis, microbiology analysis</td>
<td>White</td>
<td>0.45</td>
</tr>
<tr>
<td>Fluorescent bacteriological assays, particle monitoring, bioassays</td>
<td>Black</td>
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<tr>
<td>Particle monitoring, particle removal, dairy microbiology, retention of yeasts, molds and algae</td>
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<td>Air monitoring, particle monitoring, particle removal, bioassays</td>
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<td>0.8</td>
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<td>Fluorescent assays, particle monitoring, air monitoring</td>
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<td>Clarification of aqueous solutions</td>
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<td>QC of fluid holding tanks, fluid monitoring, particle collection and analysis</td>
<td>White</td>
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<tr>
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</table>
How does a membrane work

1. Set membrane filter into the filter holder
2. Rinse the funnel with sterile buffered water
3. Add the appropriate media onto the absorbent pad
4. Place the membrane filter onto the Pad
5. Count the colony

Order Information

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<thead>
<tr>
<th>Description</th>
<th>Microlab</th>
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<tbody>
<tr>
<td>MCE Gridded Membrane Filter, White, Sterile,</td>
<td>M47MCE022</td>
<td>11407--47---</td>
<td>A020H047A</td>
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<tr>
<td>0.22(μm), 47(mm), 200pcs/pk</td>
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