An antimicrobial mask that filters >99.9% of bacteria and viruses with an outer membrane that inactivates at least 99.99% of harmful pathogens on contact.

From its antimicrobial-coated outer layer to its comfortable fit, the TrioMed Active Surgical Mask is designed to meet your needs. With its demonstrated filtration performances of >99.9% of bacteria and viruses and by killing at least 99.99% of bacteria and viruses on the mask surface, **TrioMed Active Surgical Mask** provides superior protection to the wearer.

- **Proven to kill at least 99.99%** of *Staphylococcus aureus* MRSA, *Pseudomonas aeruginosa*, *Enterococcus faecalis* VRE, *Klebsiella pneumonaie*, and *Influenza A H1N1* on contact after exposure times as short as 15 minutes.

- **Fluid resistant at highest level of protection** (160 mmHg) meeting the ASTM F1862 Standard to reduce the risk of wearer contact with blood or body fluids.

- **Provides >99.9% Bacterial Filtration Efficiency (BFE)** reducing the potential for patient exposure to airborne bacteria commonly found in healthcare facilities.

- **Provides >99.9% Viral Filtration Efficiency (VFE)** reducing the potential for airborne transmission of viruses.

- **Ear-loop design** offering great comfort for extended periods of time.

- **CE certified** according to EN14683 as a typical IIR surgical mask.

- **Non-cytotoxic** as tested according to ISO 10993-5 standard.

- **Latex Free**
TrioMed Active Surgical Mask

Surgical Mask Contamination Test

Samples of each of the surgical masks were worn for 30 min, swabbed and plated. The plates were then incubated for 48hrs at 37°C.

Comparison:

Commercially available Surgical Mask

VS

TrioMed Active Surgical Mask

Conclusion: As evidenced by pictures above, the outside surface of the commercially available mask is microbiologically contaminated, while the TrioMed Active Mask maintained its microbiological integrity.

Antimicrobial Efficacy Data.

<table>
<thead>
<tr>
<th>Pathogen</th>
<th>S. aureus MRSA</th>
<th>P. aeruginosa</th>
<th>E. faecalis VRE</th>
<th>K. pneumoniae</th>
<th>Influenza A/H1N1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microbial Class</td>
<td>Resistant Gram (+) Bacteria</td>
<td>Gram (-) Bacteria</td>
<td>Resistant Gram (+) Bacteria</td>
<td>Gram (-) Bacteria</td>
<td>Animal Virus</td>
</tr>
</tbody>
</table>

**Antimicrobial testing was performed according to AATCC 100 Standard Test Method using 15-minute exposure times.

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