



Active Surgical Mask



TrioMed Active Surgical Mask with antimicrobial protection. The active outer layer is treated with TrioMed's antimicrobial to kill harmful contaminants that may come in contact with its surface to effectively address today's infection control challenges in healthcare environments.

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.

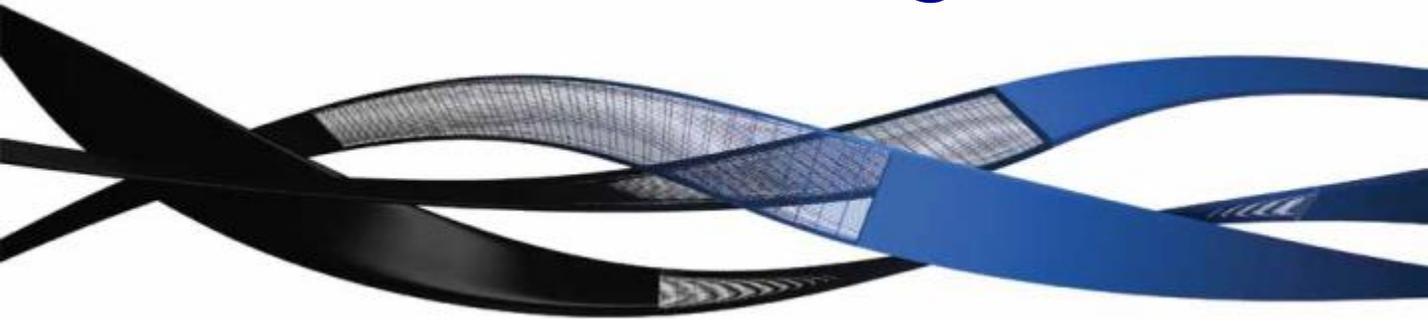
From its antimicrobial-coated outer layer to its comfortable fit, the TrioMed Active Surgical Mask is designed to meet your needs. With its demonstrated filtration performances of >99.9% of bacteria and viruses and by killing at least 99.99% of bacteria and viruses on the mask surface, **TrioMed Active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

BIOMEDICAL



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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.



Commercially available
Surgical Mask



TrioMed
Active Surgical Mask

VS

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.

Pathogen	S. aureus MRSA	P.aeruginosa	E. faecalis VRE	K. pneumoniae	Influenza A/H1N1
Microbial Class	Resistant Gram (+) Bacteria	Gram (-) Bacteria	Resistant Gram (+) Bacteria	Gram (-) Bacteria	Animal Virus
Percent Reduction *	> 99.99%	> 99.99%	> 99.99%	> 99.99%	>99.99%

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

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