VacSax®

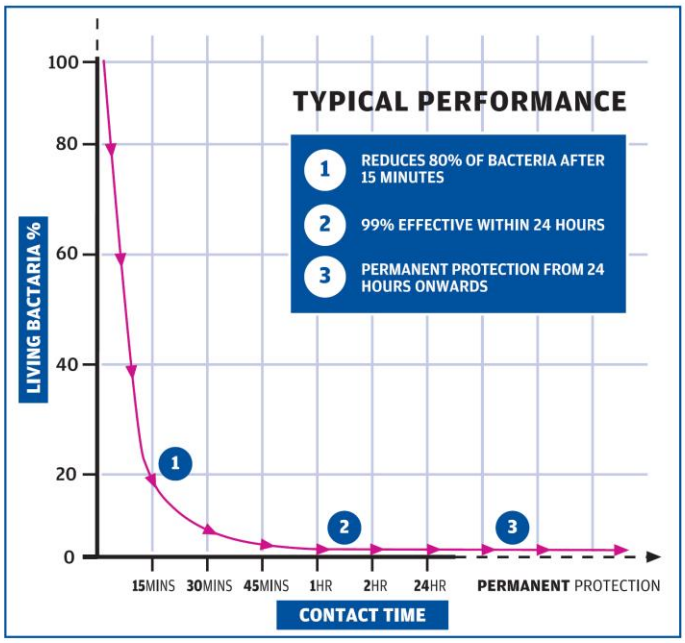
# BactiClear®

## ANTIMICROBIAL Disposable Suction Liner Range

The **BactiClear® Antimicrobial Suction Liner System** incorporates advanced antimicrobial technology, protecting all external surfaces.

The **BactiClear®** liner system provides immediate and permanent bacteriological protection against a range of common organisms such as MRSA, E.coli, Salmonella, Listeria, Pseudomonas and Campylobacter, minimising the risk of cross infection to the user and patient.






Extensive independent testing has shown that that while bacteria such Escherichia coli and Methicillin Resistant Staphylococcus aureus can survive and grow on standard liner systems, the **BactiClear®** Suction Liner system reduces levels of the same bacteria below the limit of detection within 24 hours. Demonstrating the **BactiClear®** Suction Liner System is an effective antimicrobial device.

Our **commitment** is to **quality**


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## How does BactiClear® work?

### THE ACTIVE INGREDIENT IN BACTICLEAR® ANTIMICROBIAL TECHNOLOGY IS SILVER.

Silver has been used in its pure form for many centuries to prevent the growth of bacteria.

The **BactiClear® Antimicrobial Suction Liner System** has been developed by safely and effectively incorporating silver into the materials during manufacture.

As an active ingredient, silver is durable, long lasting and highly active. The silver ions are dispersed evenly through the entire exposed surfaces of the **BactiClear®** Liner and Canister.

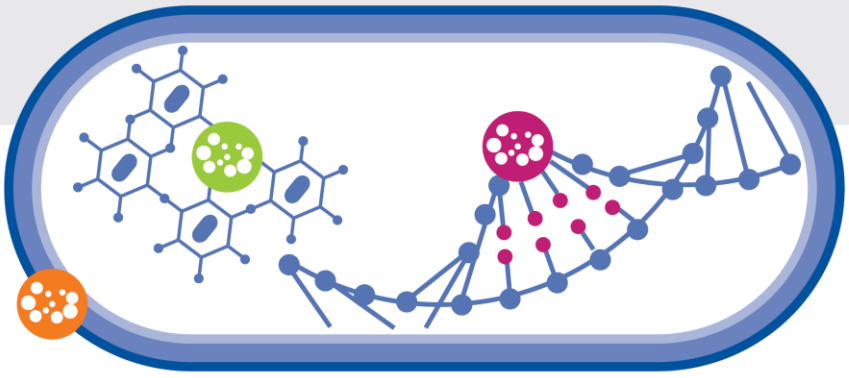
This provides protection for the entire lifetime of the product which cannot be removed. Silver is inorganic and non-leaching, which means unlike organic antimicrobial technologies, it stays within the **BactiClear®** Liner System for its lifetime.

## BENEFITS

### THIS 3 STAGE MODE OF ACTION DOES NOT ALLOW BACTERIA CELLS TO DEVELOP RESISTANCE.

This provides immediate and permanent bacteriological protection against a range of common organisms such as MRSA, E.coli, Salmonella, Listeria, Pseudomonas and Campylobacter, protecting patients and healthcare professionals.

- **Silver ions bind to the cell surface:** This disrupts the cell wall and prevents cell growth.
- **The silver are attracted to the Thiol Groups in the cell:** This prevents the bacterium producing energy.
- **Silver ions interrupt the cell DNA:** This prevents DNA replication and new cell formation.



VacSax Ltd has a policy of continued product improvement; information contained within this report cannot be guaranteed free from errors or omissions)

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