



# Lifelong Antimicrobial Technology - Fact Sheet

## What is a '*microbe*'?



A '*microbe*' is a microscopic living organism or microorganism. Microbes are very diverse including bacteria and mould.

## What does '*antimicrobial*' mean?



'*Antimicrobial*' describes something that can resist the growth of microbes including bacteria and mould.

## How Does it Work?

Our Easy Clean Bright White PVC uses silver ion technology which is a safe natural antimicrobial that is impregnated into the virgin material at the time of manufacture. This helps stop the growth of bacteria and mould and works continuously for the lifetime of the product, reducing levels of bacteria such as MRSA, E Coli, Legionella, Salmonella and mould by up to 99.99%.

The silver ions work by concentrating on the surface of the product and are continually released to act against bacteria contaminating it. When bacteria come into contact with this surface, the silver binds to them and catalyses an enzyme breakdown in the bacteria, rendering them unable to reproduce and further causing them to die.

### EFFECTIVE

Silver ion technology is proven to protect against a broad range of microbes, including MRSA, E. coli, Legionella, Salmonella, Mould and the H1N1 virus.

### PROVEN

Silver ion technology reduces the levels of bacteria on a protected surface by up to 99.99%.

### PERMANENT

Silver ion technology is integrated during manufacture and the protection will last the lifetime of the product.

### PROTECTIVE

Silver ion technology protects against the threat of cross-contamination/ cross infection.

### CONTINUOUS

Silver ion technology continuously works to protect surfaces around the clock.

### FUTUREPROOF

Silver ion technology does not cause multi drug resistant strains of bacteria like MRSA.

## Where are our products used?

- Hospital wards and treatment rooms
- Operating theatres & scrub rooms
- GP, Dental and Veterinary surgeries
- Care homes
- Schools and Universities
- Food producers, kitchens and serveries
- Manufacturing
- Leisure
- Pharmaceutical
- HM Prison Service
- Police authorities
- Ambulance services
- Showers, WC's and changing rooms
- Laboratories
- Agriculture
- Beauty salons
- Airports

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