Biomaster
Antimicrobial protection

How effective is Biomaster?

Very. Biomaster is proven to inhibit the growth of bacteria by up to 99.99%.

Is Biomaster safe?

Yes. It is based on silver ion technology, recognised for centuries with no harmful effects. Biomaster is used in medical, food and water applications.

What's the difference between antimicrobial and antibacterial?

An antimicrobial inhibits the growth of, or destroys harmful micro-organisms such as bacteria, fungi and moulds. An antibacterial specifically prevents the growth of bacteria.

Has Biomaster been tested?

Yes, repeatedly. Biomaster is tested to ISO standards. We also undertake on-going quality control tests and environmental trials.

How long is Biomaster effective for?

Biomaster is effective for the intended lifetime of the product it's added to. It is built into the product and doesn't wear off or leach out.

Does Biomaster affect a product in any way?

No. You can't see, smell or even taste Biomaster.

Is Biomaster effective against antibiotic-resistant bacteria?

Yes. Biomaster has been proven to be affective to antibiotic-resistant bacteria such as resistant Staphylococcus aureus (MRSA) and Vancomycin-resistant Enterococcus (VRE).

How do I know if a product is Biomaster protected?

Unless it carries the Biomaster symbol, you don't. Ask if a product is Biomaster protected before you buy it.

Biomaster
PROTECTED

Permanent product protection against harmful bacteria, fungi and moulds
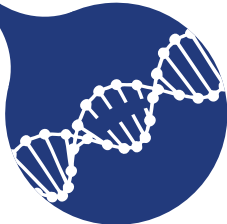
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How does Biomaster work?

1 Biomaster **binds** to the cell wall **disrupting growth**

2 The Biomaster ions **interfere** with enzyme production **stopping the cell producing energy**

3 Biomaster **interrupts** the cell's DNA **preventing replication**

Does Biomaster use nano-silver technology?

No. We don't use nano technology due to ongoing safety concerns.

Why is Biomaster better than other silver based antimicrobial additives?

Biomaster pioneered the use of antimicrobial additives, and remains the recognised leader and most trusted supplier of antimicrobial technology for polymers, textiles, paper, paints and coatings.

Biomaster
PROTECTED