

with Biomaster Antimicrobial Protection

How effective is Biomaster?

Very. Biomaster is proven to inhibit the growth of microbes 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.



How quickly does Biomaster work?

As soon as bacteria lands on the Biomaster surface, it will begin inhibiting their growth. In ISO tests a reduction of over 80% could be seen in 20 minutes.

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 and provides 24 hour protection. It is built-in 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.

Which strains of bacteria are Biomaster effective against?

Biomaster is effective against most types of common pathogenic bacteria including Campylobacter, Salmonella, Listeria and E.coli. It is also proven effective against antibiotic-resistant strains such as Staphylococcus aureus (MRSA) and Vancomycin-resistant Enterococcus (VRE).

Is Biomaster a substitute for regular cleaning?

No. Biomaster protects product surfaces in between cleans.

Can a Biomaster-treated polymer be recycled?

Yes, it can be recycled effectively without any complications.



**Durable product protection
against harmful bacteria, fungi
and moulds**

with Biomaster Antimicrobial Protection

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 is the recognised leader and most trusted supplier of antimicrobial technology for polymers, textiles, paper, paints and coatings.

How do I know if a product is Biomaster protected?

Unless it carries the Biomaster symbol, you don't.
Ask before you buy it.



www.biomasterprotected.com

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Use biocides safely. Always read the label and product information.