

ANTI-MICROBIAL COPPER FILM

SHANAHAN
PRINTING + GRAPHICS, INC.

PROMOTE YOUR BRAND & PROTECT YOUR CUSTOMERS

Printable Antimicrobial Copper Film is enhanced to prevent the spread of Bacteria, Mold, & Mildew on its surface.

APPLICATIONS

- Kiosk Machines
- Restrooms
- Escalator Handrails
- Elevator Buttons
- Trains/Buses
- Trailers
- Cars
- ATM Machines
- Counters
- Doors & Handles
- Carts
- Handrails



ELIMINATES BACTERIA

Antibacterial protection eliminates 99.9% of bacteria that comes into contact with the film

LONG LASTING

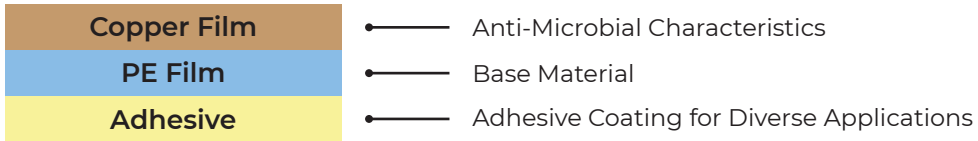
Film can be cleaned repeatedly and in-use for up to 12 months without losing its antibacterial protection

DURABLE PROTECTION

No matter how many hands touch the product, the film will remain free of bacteria

HOW IT WORKS

STRUCTURE OF COPPER FILM

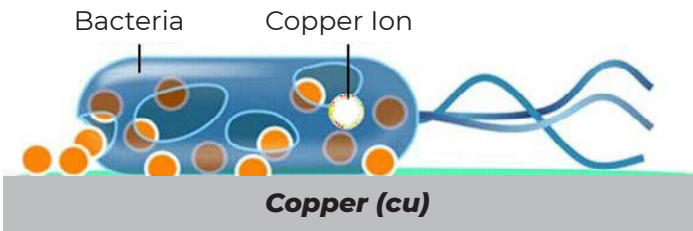


CREATING A SOFT, LOW TRANSPARENCY FILM W/ ADHESION TO DESIRED AREA

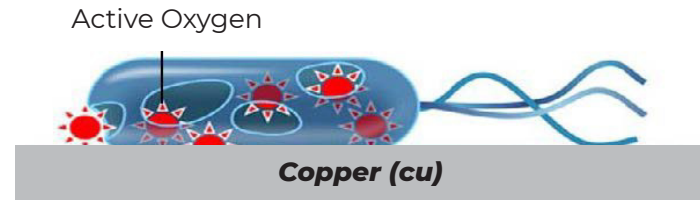
COPPER & IT'S EFFECTIVENESS

LAB TESTS SHOW HOW ANTI-MICROBIAL COPPER DEACTIVATED VIRUS CELLS WITHIN MINUTES OF CONTACT WITH THE SURFACE

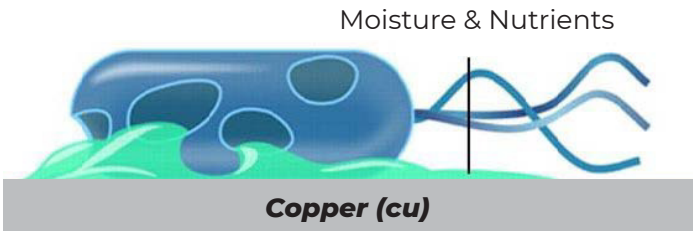
***ANTI-MICROBIAL CERTIFICATE AVAILABLE UPON REQUEST**



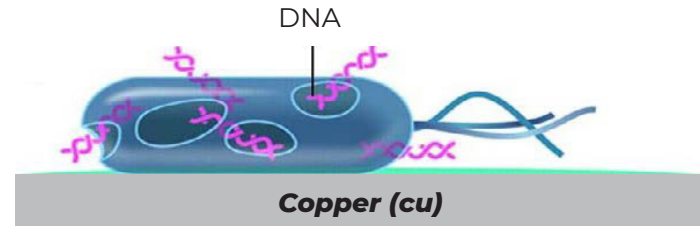
Bacteria recognizes copper-ion on the surface as essential nutrients. The bacteria absorbs it into its cell.



Copper ion pulls the active oxygen through the penetrated hole of the cell membrane..



The absorbed copper-ion penetrates the cell membrane, causing the cell to lose its nutrients and water.



Bacteria causes a serious prevention of the respiratory and metabolic functions, which causes damage to the DNA that eventually leads to complete extinction of the Virus.