



Anti Microbial Film

Frequently Asked Questions

What is Anti Microbial Film?

Anti Microbial Film is a thermal lamination film that is enhanced with the antimicrobial protection of Agion Technologies. Anti Microbial Film helps to prevent the growth of bacteria, molds, mildews, and fungi. This Anti Microbial technology is available on a wide range of laminating films from R&M Trade Laminating Ltd.

What should I know about bacteria?

We are surrounded by a multitude of microscopic organisms. One bacterium can reproduce a million times in just one hour. Some bacteria can survive on documents for months. Anti Microbial Film was specifically developed to effectively control against the growth of unwanted microorganisms on laminated documents.

Who needs Anti Microbial Film?

Individuals working in medical and scientific settings, restaurants and food service, schools or other settings are especially concerned about bacteria. In environments such as these, individuals must use extra care to ensure that contamination sources are controlled. Anti Microbial Film provides an added line of defense against the growth of unwanted bacteria.

What is Anti Microbial Film?

Antimicrobials are products that inhibit the growth and reproduction of bacteria mold and fungi. There are many types of antimicrobial products, Anti Microbial Film is a laminating film that incorporates the natural protection of silver as an antimicrobial agent. Silver is effective against the broadest range of bacteria.

How does it work?

Anti Microbial Film incorporated Agion's silver based antimicrobial agent. When microorganisms are exposed to the antimicrobial agent, the lifecycle processes of the organism are interrupted, and the organism's reproductive capabilities are affected.

Is Anti Microbial Film safe?

Yes it is. Studies have show Agion's antimicrobial agent to be less toxic than table salt. Silver, the antimicrobial agent that is used in Anti Microbial Film has been used for centuries in medical applications and to protect various food products from spoilage. Today, silver is used to control bacteria growth in extremely susceptible medical environment such as burn wards and on "in body" medical devices.

How long will the Anti Microbial Film protection last on my laminated document?

Current testing suggests that the active Agion antimicrobial in Anti Microbial Film will not wear off with cleaning or use. In fact, under normal conditions, the laminated piece will most likely wear out or become outdated before the active antimicrobial becomes ineffective.

Will Anti Microbial Film protect me from illness?

No it will not, Agion antimicrobial are EPA registered as a preservative and bacteriostatic agent. Under EPA regulations, the antimicrobial may be incorporated into Anti Microbial Film for the sole purpose of protecting the laminated article from the spread of unwanted bacteria, fungi, mold, and mildew. Anti Microbial Film reduces the likelihood that the bacteria will grow on the laminated surface.

Will Anti Microbial Film contribute to the development of resistant bacteria?

No. Anti Microbial Film with Agion's antimicrobial agent is completely inorganic and has not been linked to the adaptive resistance seen with organic materials like antibiotics.

What organisms will Anti Microbial Film kill?

The EPA prohibits listing specific health claims that indicate which microorganisms Agion's antimicrobial agent will kill. Agion's antimicrobial agent has been shown to be effective against a broad spectrum of many common bacteria typically found in food services, hospitals and clinics, dental offices, schools, and day care facilities.

Is Anti Microbial Film More expensive than standard laminating Films?

Yes, the added benefits of Anti Microbial Film are at a higher price. If maintaining a hygienic environment is important, the added cost of Anti Microbial Film far outweigh the additional expense.

Anti Microbial films come in 1.5 mil Delustered for use on 1 or 2 sided applications, such as menus, magazine covers, book covers, posters, documents, and any application where you want a dull finish.

The Polyester based films come in 1.5 mil, 3 mil and 5 mil thickness in a gloss finish. These films are designed for 2 sided applications and can be flush trimmed or have a sealed border on them. Ideal uses are for menus, brochures, posters, charts, hospitals, daycare facilities, signage or anywhere that has a high touch point.

For more information about Anti Microbial Film, please contact us.

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