

Autotype Autotex AM Anti-Microbial Film

Autotype International has launched a new version of its proven hard-coated polyester film. This is the first material of its type to incorporate built-in Microban® Antimicrobial protection that inhibits the growth of potentially harmful bacteria, mould and mildew. Called Autotex AM, the unique substrate has been specially designed for any hygiene critical surface application where preventing the growth and spread of bacteria is essential.

The issues of cleanliness and hygiene are of paramount importance in many applications, particularly for hospitals, convalescent homes, supermarkets, prisons and schools. Research has proven that hand contact with contaminated surfaces can rapidly transfer bacteria to other surfaces as well as individuals.

In essence, the new film substrate combines the proven benefits of Autotex, with the antimicrobial properties of Microban® technology. This unique combination makes it ideal for any surface application, such as membrane keyboards, fascia panels and overlays. Furthermore, Autotex AM is scratch and chemical resistant, and is capable of withstanding the rigours of every day usage and most aggressive cleaning methods.

The Microban® Antimicrobial technology is incorporated into the Autotex textured hard coat during the manufacturing process, ensuring an even distribution of the antimicrobial agent throughout the texture and film surface. This effectively guarantees surface protection throughout the lifetime of the product.

Autotex AM has been extensively tested and proven to inhibit the growth of a wide range of bacteria, fungi and moulds including MRSA, Salmonella Enteritidis, Escherichia Coli and Listeria Monocytogenes. The antimicrobial protection of Microban® works by penetrating the cell wall of microorganisms that come into contact with the substrate surface and disrupting their cell functions, rendering them unable to function, grow or reproduce.

Frequently Asked Questions

Does Autotex AM contain Triclosan?

No.

Is Autotex AM approved for use in food contact applications?

No.

Is Autotex AM with Microban® antimicrobial technology safe?

Yes. Microban® has undergone extensive independent laboratory testing and has a long history of safe use.

Will surface scratching or scuffing the film diminish the effectiveness of the AM function?

Provided the hard coating is not permanently removed, surface damage will not impair antimicrobial performance.

Aspergillus Niger	*99.8%
Bacillus Cereus	99.3%
Escherichia Coli 0157	>99.9%
Klebsiella Pneumoniae	99.4%
Listeria Monocytogenes	99.2%
Penicillium Purpurogenum	*99.3%
Phoma Violaacea	*99.0%
Pseudomonas Aeruginosa	99.1%
Saccharmyces Cerevisiae	99.3%
Salmonella Enteritidis	99.6%
Staphylococcus Aureus	>99.9%
Streptococcus Faecalis	99.4%

All figures represent reduction after 24 hours except for (*) which is a reduction after 48 hours. All figures supplied by Autotype International Limited and confirmed by Law Laboratories Limited.

Do we still have to clean the film?

Yes. Autotex AM provides continuous antimicrobial protection however if dirt or residue build up on the surface bacteria can still grow on top of that build up.

Does the antimicrobial protection begin working immediately?

Yes. The antimicrobial function of Autotex AM begins as soon as the microorganism comes into contact with the product surface.

Does the antimicrobial leech or migrate from the film?

No. The antimicrobial is permanently locked into the texture of the film.

Will the film irritate, is it sensitising?

No. Autotex AM will not irritate skin and is not sensitising.

TOUCH PANEL PRODUCTS

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