

autotype



AUTOTEX AM Hardcoated Polyester Film with Microban® Antimicrobial Technology

Autotex AM is a high quality, textured polyester film offering Microban antimicrobial protection within the textured hardcoat.

The Microban technology is incorporated into the Autotex textured hardcoat during the manufacturing process. This process ensures even distribution of the antimicrobial agent through the textured hardcoat and the film surface. When bacteria come into contact with Autotex AM, the antimicrobial function disrupts the bacterial cell wall killing or inhibiting bacterial growth. The result is the film surface of Autotex AM provides dependable and constant protection against bacterial contamination.

MAJOR BENEFITS

- Antimicrobial protection
- Long flex life
- Resistant to chemicals and household cleaners, even at the edges
- Clear window facility (windows are not antimicrobial-protected)
- Embossable
- Consistent low gloss, textured surface
- Excellent scratch resistance

FREQUENTLY ASKED QUESTIONS

What types of Microbes does Autotex AM work against?

- MRSA
- E.coli 0157
- Listeria monocytogenes
- Pseudomonas aeruginosa
- Salmonella spp
- Bacillus cereus
- Streptococcus faecalis
- Klebsiella spp
- Aspergillus niger
- Penicillium purpurogenum
- Phoma violacea
- Sacch.Cerevisiae



MARKET APPLICATIONS

- Membrane switch overlays
- Surface applications (doors, worktops, etc)
- Fascia panels
- Nameplates
- Labels / Products marking

Frequently Asked Questions - Continued

- **What is a Microbe**

Microbes are single celled organisms that are too small to be seen with the naked eye and must be viewed through a microscope. The naked eye is only able to detect the presence of microbes once they have multiplied to the hundreds of thousands. And under the right conditions, some microbes can double in number every 15-20 minutes. Types of microbes include bacteria, algae and fungi or mold.

- **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 scratching or scuffing the film diminish the effectiveness of the AM function**

No. Because the antimicrobial agent is evenly distributed throughout the texture, its effectiveness is constant even if the surface is damaged.

- **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 grow on top of the build up. Normal cleaning practices should therefore be maintained.

- **Does the anti microbial protection begin working immediately?**

The antimicrobial function of Autotex AM begins to work as soon as the microorganism comes into contact with the product surface. It then works continuously to maintain a consistently lower bio-burden than would be expected on a product without antimicrobial protection. Under the right conditions, microbes on an untreated surface can double every 20 minutes!

- **Does the antimicrobial leach or migrate from the film?**

No. The antimicrobial is permanently locked into the texture and can not leach or migrate from the film.

- **What is the Microban® Certification Programme?**

The Microban® brand promise to consumers is to deliver continuous, durable and effective antimicrobial protection. To ensure this is fulfilled, Autotex AM has been subjected to extensive testing prior to commercialization and is manufactured under stringent quality assurance guide lines in addition film samples from every production making undergo a rigorous testing programme carried out by LawLabs a leading, independent inspection body who are responsible for overseeing and regulating the Microban Certification Programme.

- **Does the use of antimicrobials cause resistant strains of microorganisms?**

No. After more than 30 years of use in numerous consumer, industrial and medical applications around the world, there has been no evidence of resistant strain development.

- **Will the film irritate, is it sensitizing?**

No, Autotex AM will not irritate skin and is not sensitizing.

- **Is Autotex AM approved for use in food contact applications?**

No.

- **What cleaning products can be used with Autotex AM?**

As far as we are certain, normal cleaning products can be safely used with Autotex with Microban. However, complete compatibility with all cleaning products can not be guaranteed and so in cases of doubt you should contact your local Autotex representative for further information.