



# Solar Gard<sup>®</sup> Antimicrobial Films with BioCote<sup>®</sup> Technology

Constant protection for a changing world.



# Solar Gard Antimicrobial Films

Designed to be easily replaced, Solar Gard Antimicrobial Films provide a virtually invisible barrier that protects flat surfaces from permanent damage. They also feature BioCote® proprietary silver ion technology, which is applied during the manufacturing process of these films. Silver's scientifically proven antimicrobial properties protect these films from the negative effects of microbes by inhibiting their growth on the protected film's surface. With a long history of success as an antimicrobial, silver is one of the most widely used technologies in the world.

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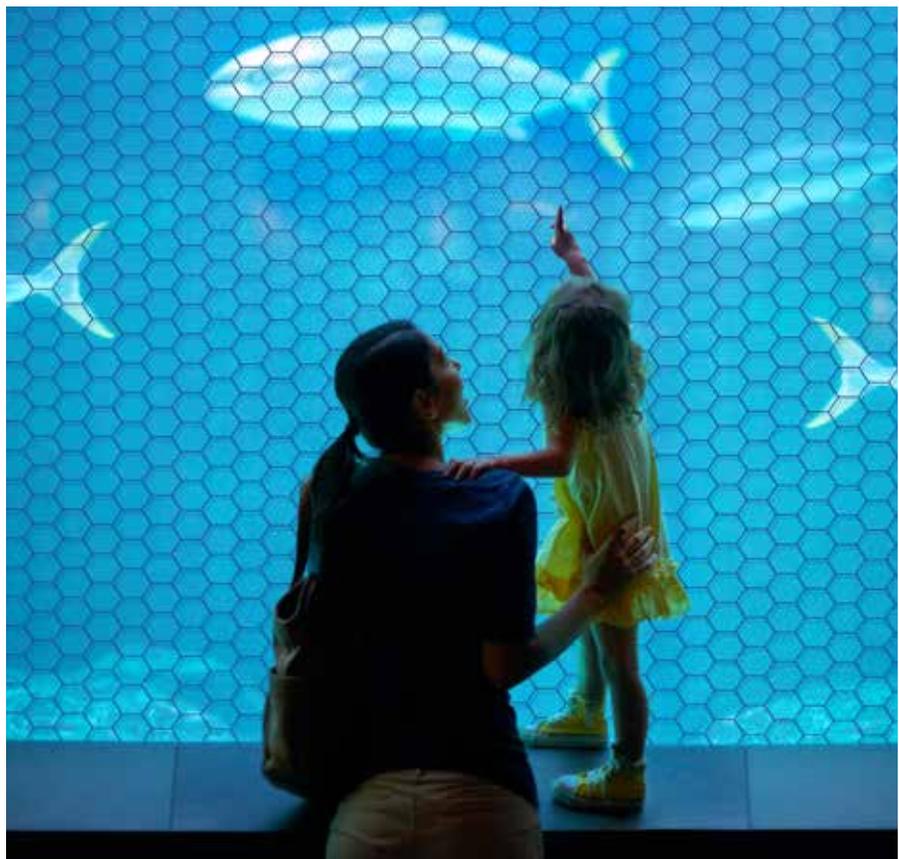
## Did you know?

Every day we come into contact with millions of invisible microorganisms, including bacteria, mold and fungi. These microbes can have negative effects on products, including odors, staining and material degradation that can lead to early product failure.

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The BioCote® technology in Solar Gard Antimicrobial Films reduces microbial activity the moment microbes come in contact with the surface, protecting the film from odor- and stain-causing microbes to keep it cleaner and fresher for longer.

*BioCote® is a registered trademark of BioCote Limited.*



# What are antimicrobials and how do they work?

BY AFFECTING THE GROWTH OF MICROORGANISMS IN THE FOLLOWING WAYS:

- Damaging essential proteins, leading to failure of energy production
- Disrupting the microbe membrane, altering structural integrity
- Oxidative damage, resulting in damage to the internal systems of the microbe
- DNA interference, preventing microbe replication



## FEATURES AND BENEFITS:



Instant, virtually invisible antimicrobial protection from the moment product is applied



Scratch-resistant surface coating provides durability to protect against everyday wear-and-tear



Removable adhesive allows for easy film installation, removal and replacement



High visible light transmission provides high optical clarity, even on glass



Built-in UV inhibitors block harmful UV light, extending surface life



Considerably less expensive alternative to product or surface replacement



Ongoing antimicrobial protection that lasts for the lifetime of the product



Multilayer provides a quick and easy surface renewal option for high traffic touch points

*BioCote® technology does not protect users or others against disease-causing bacteria, germs, viruses or other harmful organisms. This technology is not a substitute for good hygiene and/or cleaning practices.*

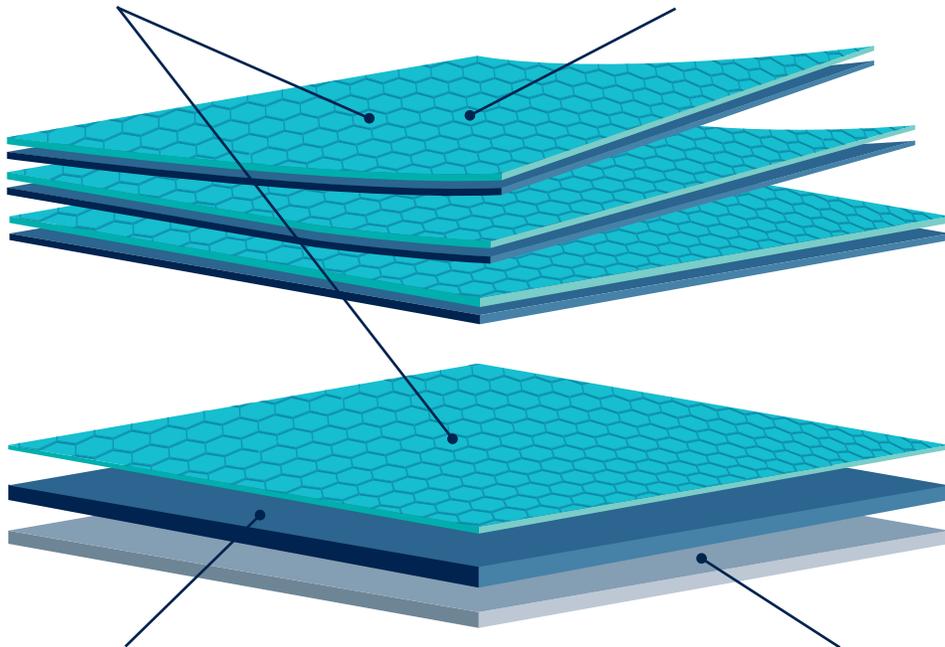


For more information please visit [www.biocote.com](http://www.biocote.com).  
 A downloadable test report is also available at [www.solargard.com/antimicrobial](http://www.solargard.com/antimicrobial).

## PRODUCT MAKEUP:

Proprietary silver-infused antimicrobial scratch-resistant surface coating providing years of durability and protection

Antimicrobial 4PLUS provides 3 additional layers to quickly refresh the surface while maintaining high optical clarity and antimicrobial properties



Antimicrobial 4 mil single layer of high-tensile strength PET film with high optical clarity and light transmission

Removable pressure-sensitive (PS) adhesive allowing for easy film installation, removal and replacement

*BioCote® technology is registered with the EPA.*

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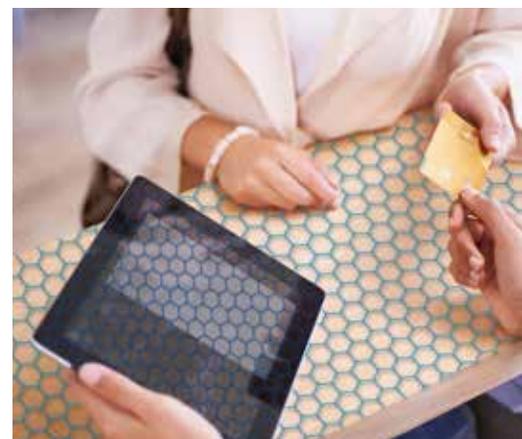
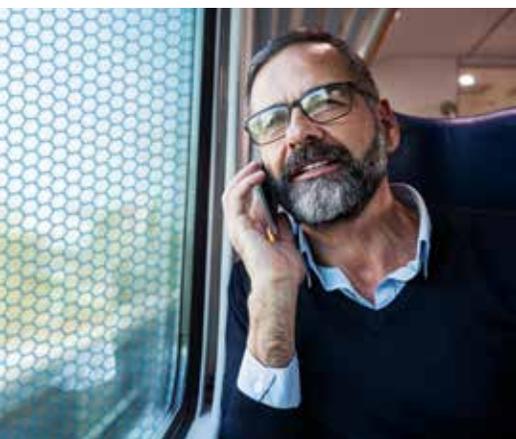
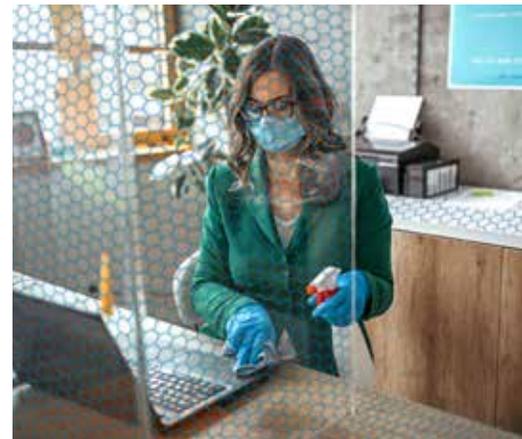


## Where can antimicrobial films be installed?

Solar Gard Antimicrobial Films are the ideal solution for a large variety of flat, minimally textured glass and composite surfaces. Start immediately protecting high-frequency touch points with a single installation.

### APPLICATIONS

- Glass and other smooth surfaces
- Entryways
- Monitor and device screens
- Countertops
- Retail display cases and surfaces
- Walls and partitions
- Elevators and escalators
- Mass transit





What matters most to you...  
*We're On It!*

[www.solargard.com](http://www.solargard.com)

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