



NEXT GENERATION OF PERFORMANCE PLASTIC –ANTIMICROBIAL ACRYLIC & POLYCARBONATE SHEET

TRANSPARENT SHEET FORMULATED WITH A SILVER ION ANTIMICROBIAL AGENT THAT PROTECTS THE SURFACE FROM MICROORGANISM GROWTH

Safety Shields can help prevent the spread of airborne illnesses by creating a physical barrier between people, but they also present a surface for microorganisms to grow. Silver antimicrobial technology protects AMGARD surfaces from degradation by preventing the spread and growth of microorganisms. The technology is built into AMGARD during the manufacturing process and remains active for the life of the product.

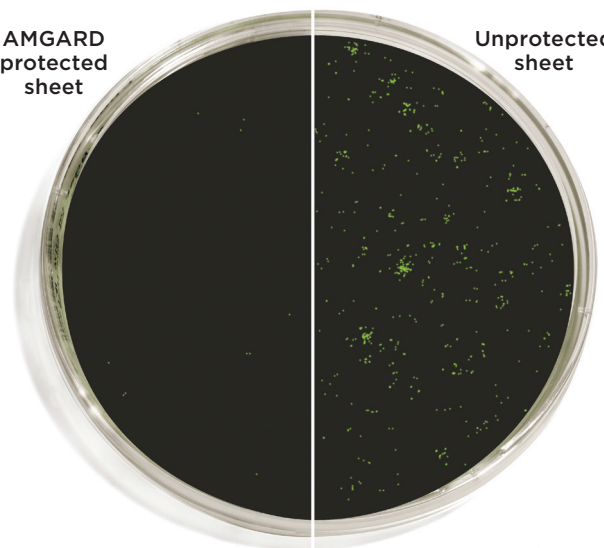
Two certified laboratories have independently tested AMGARD to ISO 22196 “Measurement of Antimicrobial Activity on Plastics / Non-Porous Surfaces” – the industry standard for measuring Antimicrobial activity on Plastics and confirmed a reduction in the growth of microorganisms on the sheet surface.

AMGARD is available in OPTIX® Acrylic and TUFFAK® Polycarbonate sheet options to meet a range of applications

- » Protects surface against the growth of microorganisms such as bacteria, mold and mildew that cause stains and odors
- » Provides additional surface protection between cleanings
- » Complies with the applicable EPA requirements
- » Stocked in 48”x 96” sheet of 0.220” thickness – Other gauges call for quote
- » Tested to ISO 22196 “Measurement of Antimicrobial Activity on Plastics / Non – Porous Surfaces”

**AMGARD
protected
sheet**

**Unprotected
sheet**



Product Comparison

	Glass	Regular Sheet	AMGARD Sheet
Prevents Microbe Growth	No	No	Yes
Shatter Resistant	No	Yes	Yes
Lightweight	No	Yes	Yes

Representative 24-hour antimicrobial effect. AMGARD is formulated with silver ion antimicrobial technology to protect the sheet’s surface. It is not designed to prevent the transmission of any disease or infectious agent.

DISINFECTING ACRYLIC, POLYCARBONATE AND PETG

When disinfecting OPTIX® Acrylic, TUFFAK® Polycarbonate and VIVAK® PETG, proper procedures should be taken. To minimize the risk of damage, use only compatible household

cleaners as outlined below. For more details please contact the Plaskolite Technical Service Group at **800.848.9124** with any questions.

Disinfectants for Plaskolite Products

Product/Brand	Manufacturer	Products	Compatibility**
TUFFAK	sBioMed, LLC	Steriplex SD	Compatible
TUFFAK	Safetec of America	Safetec surface wipes	Compatible
TUFFAK	CONTEC Healthcare	Peridox RTU	Compatible
TUFFAK	CONTEC Healthcare	Prosat sterile wipes PS-911EB	Compatible
TUFFAK	Generic	Hydrogen peroxide 3%-5%	Compatible
TUFFAK	Generic	Isopropyl alcohol 70%	Compatible
TUFFAK	Generic	Contec Sat – Can 120 Satwipes (IPA)	Compatible
TUFFAK	Generic	Warm dish washing soap solution	Compatible
OPTIX	Generic	Hydrogen peroxide 3%-5%	Compatible
OPTIX	Generic	Bleach – household laundry grade	Compatible
OPTIX	Generic	Quaternary ammonium compounds @ use dilution	Compatible
OPTIX	Generic	Isopropyl alcohol – diluted with water to 30% strength	Compatible
OPTIX	Generic	Vital oxide	Compatible
OPTIX	Generic	Warm dish washing soap solution	Compatible
VIVAK	Generic	Hydrogen peroxide 3%-5%	Compatible
VIVAK	Generic	Isopropyl alcohol 70%	Compatible
VIVAK	Generic	Vital oxide	Compatible
VIVAK	Generic	Contec Sat – Can 120 Satwipes (IPA)	Compatible
VIVAK	Generic	Warm dish washing soap solution	Compatible
TUFFAK	The Clorox Company	Clorox® health care bleach germicidal cleaner	Not Compatible
TUFFAK	Unimed Corp	Accel TB	Not Compatible
TUFFAK	The Clorox Company	Clorox® broad spectrum quaternary disinfectant cleaner	Not Compatible
TUFFAK	Zep Inc	ZEP 40	Not Compatible
TUFFAK	Zep Inc	ZEP Spirit II	Not Compatible
TUFFAK	PDI Inc	PDI Super Sani-Cloth	Not Compatible
TUFFAK	Reckitt Benckiser	Lysol disinfectant spray brand III original	Not Compatible
TUFFAK	Fiberlock Technologies Inc	Shockwave disinfectant	Not Compatible
TUFFAK	CONTEC Healthcare	Preempt RTU multi-surface disinfectant cleaner	Not Compatible
TUFFAK	The Clorox Company	Clorox® household bleach – all dilutions	Not Compatible
OPTIX	Generic	Ethyl alcohol – pharmacy grade	Not Compatible

SPECIAL NOTES: Cleaning products were tested on flat, unstressed, uncoated TUFFAK Polycarbonate, OPTIX Acrylic and VIVAK PETG sheet products. Do not use incompatible cleaners or disinfectants on sheet products. Generally speaking, soap and water or hydrogen peroxide disinfectants work best on these products. **Because manufacturers sometimes change their formulas without notification compatibility in perpetuity can not be presumed.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

© 2023 PLASKOLITE, LLC 112023

OPTIX®, TUFFAK®, VIVAK® and AMGARD™ are trademarks of Plaskolite LLC

PLASKOLITE



400 W Nationwide Blvd, Suite 400
Columbus, OH 43215
800.848.9124 • Fax: 877.538.0754
plaskolite@plaskolite.com
www.plaskolite.com

SL5313_PSK_AMGARD