



AMGARD SR SCRATCH-RESISTANT ANTIMICROBIAL ACRYLIC AND POLYCARBONATE SHEET

Distributed by Modern Plastics, AMGARD SR, scratch-resistant acrylic and polycarbonate sheet products are formulated with silver ion antimicrobial technology that protects the sheet surface from microorganism growth and remains active for the entire life of the product. The proprietary antimicrobial coating system also provides enhanced scratch resistance and exceptional resistance to many common disinfecting cleansers. This high performing coating is available on both acrylic or polycarbonate sheet substrates, each bringing their inherent performance benefits such as high light transmission and crystal clear clarity or toughness and impact strength. Choose the substrate that best fits your application knowing that AMGARD SR sheet can stand up to repetitive cleanings and day to day wear in today's demanding safety barrier environments.

AMGARD SR is available in scratch-resistant acrylic and polycarbonate sheet options to meet a range of applications

- » Inhibits microbe surface degradation
- » Independent laboratory tested to ISO 22196 "Measurement of Antimicrobial Activity on Plastics / Non-Porous Surfaces"
- » Abrasion resistant
- » Chemical resistant
- » Half the weight of glass
- » Acrylic has excellent clarity
- » Polycarbonate is virtually unbreakable
- » Easy to fabricate & clean
- » Indoor applications only



Withstands repetitive cleanings and high traffic environments

Product Comparison

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

AMGARD SR SOLVENT RESISTANCE

Acetone	No change to sheet
Ethyl acetate	No change to sheet
Toluene	No change to sheet
Amyl acetate	No change to sheet
Hydrogen peroxide (3%)	No change to sheet
Ethanol (100%)	No change to sheet
Isopropyl alcohol (99%)	No change to sheet

16 hour "watch glass" covered surface exposure, CSA B45.5 / IAPMO Z124, clause 5.15

AMGARD SR CLEANING / RUBBING RESISTANCE

Cleaner	Coating Appearance	
	Microfiber Cloth	Paper Towel
Clorox® Splashless® Bleach	No change to sheet	No change to sheet
Clorox® Plus Tilex® Mold & Mildew Remover	No change to sheet	No change to sheet
CLR® Bath & Kitchen Foaming Action Cleaner	No change to sheet	No change to sheet
Fantastik® Disinfectant Multi-Purpose Cleaner	No change to sheet	No change to sheet
Lysol® Power Bathroom Cleaner	No change to sheet	No change to sheet
Mean Green® Super Strength Cleaner & Degreaser	No change to sheet	No change to sheet
Scrubbing Bubbles® Mega Shower Foamer	No change to sheet	No change to sheet
Scrubbing Bubbles® Foaming bleach	No change to sheet	No change to sheet
Simple Green® All-Purpose Cleaner	No change to sheet	No change to sheet
Windex®	No change to sheet	No change to sheet

Taber linear abramer, 900 cycle, 600 gram load; Microfiber or Paper Towel saturated with cleaner

Solvent and cleanser resistance applies to coated sheet surface only. Care must be taken to not expose uncoated sheet edges to harsh chemicals and cleaners. Do not use scrapers, squeegees, razors or other sharp instruments that may scratch through the coating.

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