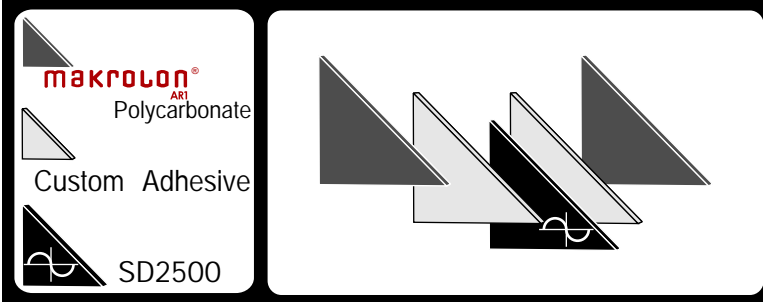




# SMARTGARD - SD2500/0516-MAK

## RF/IR/UV ATTENUATION LAMINATE

## PRODUCT DETAILS



PRODUCT CLASS	SIGNAL ATTENUATION
RF (30MHz-6+GHz)	>46 dB
IR TRANSMISSION	<1% (800-1500nm)
UV TRANSMISSION	<1%
VLT (400-780nm)	>53%
SHGC / ShadingCO	.30 / .35
LAMINATE THICKNESS	.310" (5/16")

## TESTING PROTOCOLS

STANDARD USED	RESULT
Taber Abrasion ASTM D-1044/500gm Load CS10F Wheels	<1% Haze After 100 Revolutions
RF & IR Are Typical Values As Tested By The United States Department of Defense	

## DESCRIPTION

The SMARTGARD-SD2500/0516-MAK product provides the HIGHEST levels of RF and IR attenuation, meets and exceeds the requirements of various US Government organizations' specifications for optically clear RF/IR/UV attenuating film/optical coatings, especially with respect to IR, and is listed by DoD as an RF/IR Attenuation film tested to be "beneficial" as Alternative Shielding including TEMPEST Countermeasures.

## GLAZING INFORMATION

The LTI Group strongly suggests the use of a suitable structural security framing. Framing options and services are available from LTI.

### CLEANING INSTRUCTIONS

Rinse with clean water to remove abrasive dust and dirt. Wash with soap or mild detergent using a sponge or soft cloth. Do not scrub.

## SPECIFICATIONS

**makrolon<sup>®</sup>** (Hard Coated) x2 plies  
 Clear custom adhesive interlayer x2 plies  
 SD2500 Signal Attenuation Film x1 ply  
 5 Individual layers make up the SMARTGARD-SD2500/0516-MAK composite product

Rinse once more. Dry with a soft cloth or chamois to prevent water spots.

To remove labels, stickers, or grease, rub gently with a cloth wetted thoroughly in VM & P naphtha or isopropyl alcohol. Wash and rinse. NO razor blades, scrapers, or squeegees.

Additional Optional Product Features:

3M™ VHB™ Acrylic Foam Tape For Non-Mechanical Adhesion  
 Self Adhering Chrome Finish Corner Edge Frame

## MANUFACTURER INFORMATION

## STANDARDS

ASTM D638 for Ultimate Tensile Strength  
 ASTM D790 for Flexural Strength  
 ASTM C1349 for Laminate Quality  
 ASTM D3763 Instrumented Impact

**LTI SMART GLASS, INC.**  
 PITTSFIELD, MA +1.413.637.5001  
 LENOX, MASS. +1.413.637.5001

## WARRANTY

Limited Warranty- LTI warranties the SMARTGARD-SD2500/0516-MAK laminate system against plastic delamination for a 3 year period from date of shipment see additional warranty details online at [www.LTISG.com](http://www.LTISG.com).

