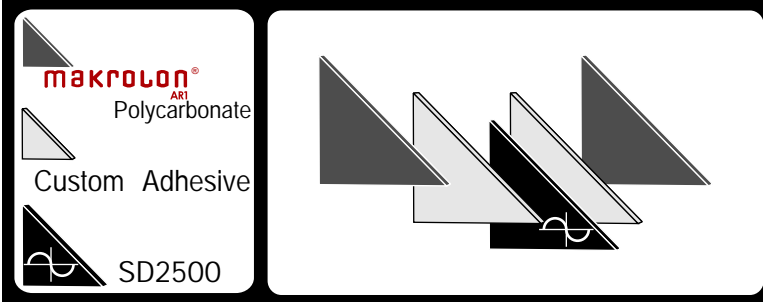




SMARTGARD - SD2500/0216-MAK

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 | .125" (2/16") |

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 SMARTGARDI-SD2500/0216-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[®] (Hard Coated) x2 plies
 Clear custom adhesive interlayer x2 plies
 SD2500 Signal Attenuation Film x1 ply
 5 Individual layers make up the SMARTGARD-SD2500/0216-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

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WARRANTY

Limited Warranty- LTI warranties the SMARTGARD-SD2500/0216-MAK laminate system against plastic delamination for a 3 year period from date of shipment see additional warranty details online at www.LTISG.com.

