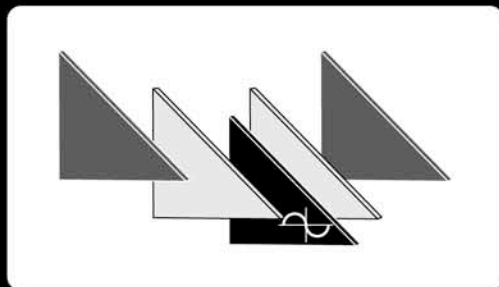


### RF/IR/UV ATTENUATION LAMINATE



### 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

RF & IR Are Typical Values As Tested By The United States Department of Defense

#### DESCRIPTION

The EGC-SD2500/0516-HST 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

EGC strongly suggests the use of a suitable structural security framing with an appropriate protection rating.

A minimum framing engagement of one (1) inch is recommended, (Larger lites may require deeper engagements.)

#### EGC-SD2500/0516-HST SPECIFICATION

Heat Strengthened or Tempered Glass x2 plies  
 Clear custom adhesive interlayer x2 plies  
 Signals Defenses® SD2500 Signal Attenuation Film x1 ply\*  
 5 Individual layers make up the EGC-SD2500/0516-HST composite product

Additional Optional Product Features:  
 3M™ VHB™ Acrylic Foam Tape For Non-Mechanical Adhesion  
 Self Adhering Chrome Finish Corner Edge Frame

It is imperative to the life and durability of certain composite types that compatible sealant or gasket material is used on both sides of the laminate. An appropriate sealant solution can be specified by EGC if required.

EGC produces the finest glass and composite laminates in the world, proper care during installation will ensure years of superior performance.

#### STANDARDS

ASTM C 1036-01 For Flat glass  
 ASTM C 1172-96 For Laminated Architectural Flat Glass  
 ASTM C1349 For Laminate Quality  
 ANSI Z97.1.1984 (R1975) For Safety Glazing Materials Used In Buildings

#### MANUFACTURER INFORMATION

ELMONT GLASS CO, INC  
 2145 Jericho Tpke.  
 Garden City Park, New York 11040  
 Tel: 516.248.8860 • Fax 516.248.5910  
[www.elmontglass.com](http://www.elmontglass.com)

#### WARRANTY

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