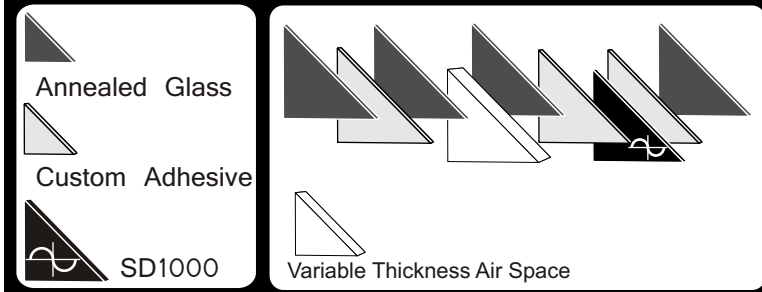


### RF/IR/UV ATTENUATION LAMINATE



### PRODUCT DETAILS

PRODUCT CLASS	SIGNAL ATTENUATION
RF (30MHz-6+GHz)	>33 dB
IR TRANSMISSION	<3% (800-1500nm)
UV TRANSMISSION	<1%
VLT (400-780nm)	>65%
SHGC / ShadingCO	.47 / .55
SD LAM THICKNESS	.563" (9/16")

### TESTING PROTOCOLS

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

#### DESCRIPTION

The LTI-SD1000/0916-A/ALIG 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 with an appropriate protection rating.

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

#### LTI-SD1000/0916-A/ALIG SPECIFICATION

Annealed Glass x4 plies  
 Clear Custom Adhesive Interlayer x3 plies  
 SD1000 Signal Attenuation Film x1 ply  
 Variable Thickness Air Space

8 Individual layers make up the LTI-SD1000/0916-A/ALIG composite product

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 LTI if required.

The LTI Group 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

**LTI SMART GLASS, INC.**  
 LENOX, MASS. +1.413.637.5001  
**LAMINATED TECHNOLOGIES, INC.**  
 MELBOURNE, FL +1.321.751.1130

#### WARRANTY

Limited Warranty- LTI warrants the LTI-SD1000/0916-A/ALIG 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).