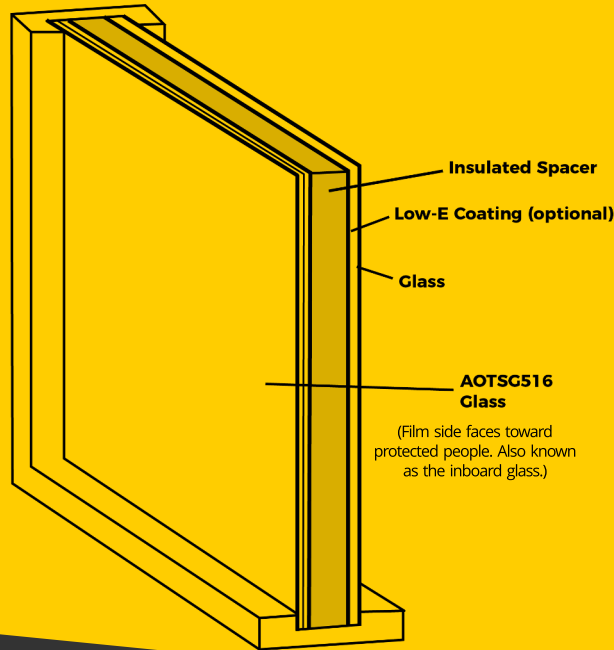


1-INCH INSULATED SHOOTER ATTACK GLASS

AOTSG1-IGU



Armoured One's insulated unit is Shooter Attack certified glass. Our one-inch security glass is unique in which it does not restrict any typical designs that you see in normal insulated units. For example, if your project needs tints, colors, low-e, internal blinds, grids and etc, the AOTSG1 can accommodate your needs, while never sacrificing security. Armoured One's glass products are designed with CPTED (Crime Prevention Through Environmental Design). AOTSG1 is designed to be used in your exterior applications and can be installed just like everyday glass.


RECOMMENDED USES

Our AOTSG1 is designed for exterior applications, such as exterior doors and sidelites in a vestibule.


Thickness 1" Insulated Unit	Glass Weight 6lbs sq/ft	Construction Proprietary	Maximum Size 72" X 96"	Warranty 10 Year Limited
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1-INCH SHOOTER/ATTACK/BOMB RESISTANT SECURITY GLASS

Visible (tv %)
UV (tuv %)
Solar (te %)
Visible (pv % out)
Visible (pv % in)
Solar (pe % in)
Winter Night (Btu/hr-ft²-F))
Summer Day (Btu/hr-ft²-F))
Relative Heat Gain (RHG)
Shading Coefficient (sc)
Solar Heat Gain Coefficient (SHGC)
Light to Solar Gain (LSG)

Make-up Name	Make-up Icon	Transmittance			Reflectance			U-Value		178	0.85	0.74	1.09
		90	51	67	15	15	13	0.47	0.50				
Clear/Clear		90	51	67	15	15	13	0.47	0.50	178	0.85	0.74	1.09

Visible (tv %)
UV (tuv %)
Solar (te %)
Visible (pv % out)
Visible (pv % in)
Solar (pe % in)
Winter Night (Btu/hr-ft²-F))
Summer Day (Btu/hr-ft²-F))
Shading Coefficient (sc)
Solar Heat Gain Coefficient (SHGC)
Light to Solar Gain (LSG)

Make-up Name	Make-up Icon	Transmittance			Reflectance			U-Value w/ Argon		0.39	0.39	1.80
		71	40	37	11	13	43	0.25	0.28			
Low-E68/Clear		71	40	37	11	13	43	0.25	0.28	0.39	0.39	1.80

Visible (tv %)
UV (tuv %)
Solar (te %)
Visible (pv % out)
Visible (pv % in)
Solar (pe % in)
Winter Night (Btu/hr-ft²-F))
Summer Day (Btu/hr-ft²-F))
Relative Heat Gain (RHG)
Solar Heat Gain Coefficient (SHGC)
Light to Solar Gain (LSG)

Make-up Name	Make-up Icon	Transmittance			Reflectance			U-Value w/ Argon		56	0.23	1.96
		45	24	21	28	14	54	0.24	0.27			
Low-E43/Clear		45	24	21	28	14	54	0.24	0.27	56	0.23	1.96

VARIOUS OPTIONS

Colors/Tints: White, Bronze, Gray, Green, Arcblue, Solar Blue.
Low-E options per required specifications.

1-INCH SHOOTER/ATTACK/BOMB RESISTANT SECURITY GLASS



BOMB BLAST & EXPLOSIVE PROTECTION

Bomb blast or explosions can cause glass shards to become lethal objects. Armoured One's Tactical Security Film is bomb blast and explosive resistant, reducing the amount of flying glass.



FORCED ENTRY & BURGLARY RESISTANT

Attackers target glass for easier access into a building. Armoured One's Tactical Security Film is designed to slow down any attacker from being able to gain entry by withstanding multiple hits.



SAFETY GLAZING & GLASS BREAKAGE

Armoured One's Tactical Security Film reduces the amount of injury due to human contact from broken glass. Our film meets safety glazing codes to reduce the risk of pieces injuring people.



BURNING CHARACTERISTICS

Armoured One's Tactical Security Film meets standard test methods for Surface Burning Characteristics of Building Materials. Our film helps reduce the spread of fire, allowing more time for evacuation procedures to take place.



WIND DEBRIS

Armoured One's Tactical Security Film is wind debris resistant. Our film has passed tests for small missile projectiles that simulate wind debris that could hit glass during strong winds, such as hurricanes.



SHOOTER/ATTACK CERTIFIED

Armoured One Tactical Security Glass is the first to be tested with a standard based on the history of active shooters. This test is designed to simulate an average active shooter scenario.

*AOTSG1 is an approved product that meets all standard building requirements for safety on non-rated applications.

3RD PARTY TESTING

GSA Level 2
ASTM F1642
Siach Gefen IDF Testing

UL972 Burglary
Glazing Material
EN356 P4A

ANSI Z97.1
16 CFR CPSC 1201

ASTM E84

ASTM E330
TAS 201, 202, 203
Florida Building Code
(Dade County Small
Missile Test)
Hurricane

FTD-SA-C6
UL Observed