



12 MIL SECURITY FILM

RIOTLITE™

SAFETY & SECURITY LAMINATE

When violence breaks out, retailers and building owners need robust protection amidst the chaos. Building and storefront glass windows and doors are easy targets for forced entry, property damage and inventory theft.

RiotLite™ is an innovative laminate solution from DefenseLite® that applies directly onto existing glass surfaces. Featuring a durable, thick film 'stack' for application to interior glass, RiotLite provides reliable shatter-resistance for property owners in the face of severe security threats — including riots and smash & grab crime.

SAFETY & SECURITY RIOT PROTECTION LAMINATE BENEFITS

Benefits of RIOTLITE™

- Optically clear, 12 mil. thick film for application to interior glass
- Stackable protection
- Provides shatter resistance, protecting from broken glass hazards caused by glass breakage and other impact events
- Exhibits strong adhesion to glass and shock absorbing properties
- Protective hard coat provides scratch resistance and a durable surface
- Protect from the harmful effects of UV light and reduce fading of interior furnishings
- Easily cleaned with typical window cleaning solutions

Product Performance & Technical Data

Film Properties	Single Pane 1/4" Glass	12mil
Solar Heat Gain Coefficient	0.82	0.82
Visible Light Transmitted	89%	87%
Visible Light Reflected Interior	9%	8%
Visible Light Reflected Exterior	8%	8%
U Value	1.03	1.03
UV Block	38%	99%
Total Solar Energy Rejected	19%	19%
Glare Reduction	NA	1%

Product Solar Performance Data

Specifications

Product	Tensile Strength PSI Avg. MD/TD	Break Strength (PLI)	Puncture Strength	Elongation	Peel Strength
12 mil clear	32,700	370 lb/in	>243 lb	>100%	>5 lb/in (PLI)

Product Physical Properties

IMPACT SECURITY
A LIMITED LIABILITY COMPANY

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