



The New Industry Standard

BREAKTHROUGH TECHNOLOGY for the Window and Glass Industries

Certified Tests

- The Consumer Product Safety Commission (CPSC) Part 1201 Category II
- The American National Standards Institute (ANSI) Z97.1 (unlimited)
- NES Report # NER-588 (www.nateval.org)
- The IGMA CBA test standard for sealed IG units
- The Dade County, Florida Large Missile Impact & Cycling Test by a certified accredited independent laboratory
- British Standards 6206 & 476
- SS-EN 356 Level P2A

Hardcopies available upon request



**The Original Impact
Resistant Composite**



An ISO 9002 Registered Company

Film Technologies International, Inc.

2544 Terminal Drive South • St. Petersburg, FL 33712 • 800-777-1770 • Fax 800-327-7132 • www.filmtechnologies.com

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Safe-Gard® Performance

Just the Break You've Been Hoping For

Safe-Gard is manufactured by Film Technologies International, Inc., a worldwide innovator in solar control and safety film products. For over ten years, there has been a growing need in the window industry for a lightweight, low-cost, durable alternative to tempered and safety glass. Hailed as the original impact resistant composite, Safe-Gard has led the way in helping window producers and glass manufacturers build windows and doors that meet increasingly complicated testing standards. Dade/Broward County, Florida standards are some of the most difficult, and they set the protocol for all other coastal U.S. cities.

Safe-Gard blocks up to 99% of the sun's harmful ultraviolet rays that cause skin cancer and that crack, fade, and damage interior furnishings exposed through standard glass. Safe-Gard also adds extra protection to broken glass. Safe-Gard film holds broken glass shards together inside the frame upon impact, and adds a near impenetrable secondary backing to window glass broken due to vandalism. Thieves will think twice before taking the extra time to tear through Safe-Gard film, even after breaking the glass.

Safe-Gard complies not only with U.S. standards such as the CPSC Part 1201 Category II; ANZI Z97.1 and NES #NER-588 (www.nateval.org), but also meets the British Standards 6206 and 476, and DIN A1 and A3.



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Special Applications

Dry Lamination Mechanical Specifications

FTI has specially designed a dry film lamination line, shown here at a customer's factory, that ensures particulate-free film-to-glass applications of thin films. The glass washer is designed to FTI specifications to prep the glass for a pure, clean laminating process.

With the laminator designed by FTI, Safe-Gard can be dry laminated to glass during the window manufacturing process and incorporated into an insulated glass (IG) unit. Available in 72" width, the laminator is designed to hold 1 roll or 3. With a modular clean room atmosphere, you're assured the highest, dirt-free quality standards.



Laminator



Modular Clean Room

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Leadership in the Industry

At FTI, Window Film Is Our Business

It begins in the FTI Research & Development laboratory where our highly trained technicians are constantly developing new innovative products as well as improving upon existing technology. Our films are then put through hours of testing for accelerated weathering, abrasion resistance, peel adhesion, and tensile strength using the newest processes and equipment including the Atlas HI 35 3 Sun Xenon ARC weathering. Our technicians conduct detailed inspections of all raw materials used in the manufacturing process, and utilize the most advanced coating and lamination techniques.



Accelerated weathering



Atlas HI 35 3 Sun Xenon ARC weathering



Safe-Gard films are converted in a “clean room” atmosphere to assure the highest quality standards, backed by our ISO 9002 registration and certification. All FTI film products are rolled down to plastic, not cardboard, cores that help roll films tighter, increasing product shelf life and providing the highest quality of dirt-free performance. Each roll of film is individually wrapped and fitted with end caps, used to suspend the film, thereby avoiding the waste incurred by flat spots when rolls are stacked. The film is then packaged on skids.



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