



GG 700

GG 700 safety & security film provides 24-hour protection against vandalism, severe weather and accidents involving broken glass. GG 700 also helps block unwanted UV exposure.

Product Benefits

- Invisible Protection
- Reduces Heat Gain
- Lowers Energy Costs
- Holds Broken Glass Together
- Rejects over 99% of UV Rays
- Slows Fading of Fabrics, Flooring

Why Sun-Gard?

Sun-Gard window films are an elegant, practical solution for comfort, protection and natural appearance. Enjoy your view by embracing sunlight while minimizing the negative effects of the sun such as glare, harmful ultraviolet exposure and unwanted heat. Sun-Gard films are installed by professionals and backed by a manufacturer's warranty.

Specification Use Statement

Reported values are typical properties and should not be used as a specification. Since the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for intended use. If you need verification regarding specific use or additional information, please contact Madico Window Films or your local Sun-Gard Authorized Dealer.



Technical Specifications

Total Solar Energy:

Transmitted %	81.0
Reflected %	8.0
Absorbed %	11.0

Visible Light:

Transmitted %	89.0
Reflected Exterior %	9.0
Reflected Interior %	9.0
Glare Reduction %	1.0

Solar Heat Gain Coefficient	0.85
Shading Coefficient	0.97
Luminous Efficacy	0.91
Total Solar Energy Rejection %	15.0
Infrared Rejection %*	24.0

U Factor	1.07
Emissivity	0.91
Ultraviolet Rejection %	Exceeds 99.0

Physical Properties:

Film Thickness	0.008"
Structural Component	0.007"
Structure	Single Ply
Adhesive Type	Acrylic Pressure Sensitive
Tensile Strength	25,000 PSI Avg. MD/TD
Break Strength	175 Pounds Per Inch (Width)
Peel Strength	5 to 6 Pounds Per Inch

Read in accordance with National Fenestration Rating Council (NFRC) standards on 3mm clear glass.

* Near IR range (780-2500nm) Technical specification definitions can be found at www.madico.com

♦ Independent test reports available upon request.

GG 700 Performance on Installed Windows as Certified by the National Fenestration Rating Council (NFRC)

Type	Default Glazing Reference	SHGC without Film	SHGC With Film	VLT Without Film	VLT With Film	U Factor
Residential	3 mm (1/8in.) clear	0.72	0.70	0.74	0.73	1.10
Residential†	3 mm (1/8in.) clear 3 mm (1/8in.) clear	0.64	0.63	0.67	0.66	0.71
Non Residential	6 mm (1/4in.) clear	0.73	0.71	0.78	0.76	1.03
Non Residential	6 mm (1/4in.) grey	0.52	0.52	0.39	0.39	1.03
Non Residential†	6 mm (1/4in.) clear 6 mm (1/4in.) clear	0.63	0.63	0.69	0.68	0.60
Non Residential†	6 mm (1/4in.) grey 6 mm (1/4in.) clear	0.41	0.41	0.35	0.34	0.60

† Dual pane window

