

Glass-Gard 200

Product Code: GG 200 CL 90

2 mil

Type: 1-ply Safety

Color: Clear



1/4 inches = 6 mm	Shading Coeff.	SHGC	Total Solar Energy Reject	Solar Reflect	Solar Absorb	Solar Transmit	Visible Light Reflect Ext/Int	Visible Light Transmit	Infrared Rejection	Luminous Efficacy	U.V. Trans.	Emissivity	"U" Value	Heat Reduction	Glare Reduction
1/4" Clear Single Pane	0.95	0.82	17.40%	7.00%	15.30%	77.70%	8.4% / 8.40%	88.00%	26.10%	0.93	<1%	0.88	1.03	0.00%	0.10%
1/4" Tinted Single Pane	0.66	0.57	42.60%	4.40%	55.70%	39.90%	5.0% / 5.4%	43.90%	60.00%	0.67	<1%	0.88	1.03	2.90%	0.00%
1/4" Double Pane Clear/Clear	0.81	0.70	29.50%	11.30%	28.20%	60.50%	14.6% / 14.7%	78.10%	46.10%	0.96	<1%	0.89	0.50	0.10%	0.00%
1/4" Double Pane Tinted/Clear	0.54	0.46	53.00%	5.70%	61.00%	33.30%	6.5% / 12.0%	38.60%	61.60%	0.71	<1%	0.89	0.49	0.00%	0.50%

Peel Strength (lb./inch)	5-7
Break Tensile	60.0
Elongation at Break	>150%
Abrasion Resistance	<5%
Feet/Pounds of Energy	35.0

Summary of Seasonal Conditions:

Temperature Inside
Temperature Outside
Solar Intensity
Wind Velocity

Mild Winter

68 F / 20 C
45 F / 7 C
0 Btu/hr-ft²
15 MPH / 9 KPH

Shading Coefficient calculated under SUMMER DAY conditions.

"U" Value calculated under MILD WINTER conditions.

"U" (Wm)

Notes:

1. Performance results were generated from testing film applied to 1/4" monolithic, annealed glass. Results have been calculated using the Lawrence Berkeley Lab's "Windows 5.2" software program. Tests, equipment and methods are in accordance with ASTM and NFRC standards. Performance results are subject to variations within industry standards.

2. This data is provided for information purposes only and is not to be considered part of the basis of any bargain or transaction involving Solamatrix, Inc. products. The included data does not constitute a recommendation for, endorsement of, or certification of the product or material tested. Solamatrix, Inc., makes no representation or warranty, expressed or implied, including the implied warranties of merchantability or fitness for a particular purpose, that its products will conform to this test data. Solamatrix's limited warranty should be carefully reviewed prior to purchasing any Solamatrix product. Extrapolation of data from the sample or samples relating to the batch or lot from which data was obtained may not correlate and should be interpreted accordingly with caution. Solamatrix shall not be responsible for variations in quality, composition, appearance, performance, or other features of similar subject matter produced by persons or under conditions over which Solamatrix has no control.