

Glass-Gard L400

Product Code: GGL 400 CL 90*

4 mil

Type: 2-ply Safety

Color: Clear



* Meets ANSI Z97.1 and CPSC 1201 Category II Tests

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	0.94	0.82	18.20%	7.20%	15.80%	77.00%	8.8% 8.9%	87.50%	27.80%	0.93	<1%	0.89	1.03	0.80%	0.70%
1/4" Tinted Single Pane	0.66	0.57	42.60%	4.40%	56.30%	39.30%	5.1% / 5.9%	43.60%	61.30%	0.66	<1%	0.89	1.03	2.90%	0.20%
1/4" Double Pane Clear/Clear	0.81	0.70	29.50%	11.40%	28.60%	60.00%	14.9% / 15.1%	77.60%	47.60%	0.96	<1%	0.89	0.50	0.10%	0.60%
1/4" Double Pane Tinted/Clear	0.53	0.46	53.90%	5.70%	61.30%	33.00%	6.6% 12.5%	38.40%	62.60%	0.72	<1%	0.89	0.49	0.00%	1.00%

Peel Strength (lb./inch)	5-7
Break Tensile	115.0
Elongation at Break	>150%
Abrasion Resistance	<5%
Feet/Pounds of Energy	55.0

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" (W/m)

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.

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