

**Glass-Gard Decorator Neutral 33**

**Product Code: GGL 400 DN 33 PS SCR**

**4 mil Type: 2-ply Safety  
Color: Neutral**



\* Meets ANSI Z97.1 Unlimited Impact

1/4 inch = 6 mm	Total Solar Energy %						Visible Light %		2(LE)	U.V. Trans.	Emissivity	"U" Value	Heat Reduction	Glare Reduction
	Shading Coeff.	SHGC	Reject	Reflect	Absorb.	Trans.	Reflect	Transmit						
1/4" Clear Single Pane	0.50	0.43	56.50%	18.40%	51.90%	29.70%	15.60	35.20%	0.70	<5%	0.71	0.96	47.30%	60.00%
1/4" Tinted Single Pane	0.43	0.37	62.60%	9.00%	74.20%	16.80%	7.00	18.10%	0.42	<5%	0.73	0.97	36.80%	60.10%
1/4" Double Pane Clear/Clear	0.58	0.50	49.50%	18.30%	58.40%	23.30%	20.30	31.40%	0.54	<5%	0.71	0.47	28.50%	59.80%
1/4" Double Pane Tinted/Clear	0.40	0.35	65.20%	8.40%	78.30%	13.30%	8.40	16.10%	0.40	<5%	0.71	0.47	24.50%	60.00%

<b>Peel Strength (lb./inch)</b>	5-7
<b>Break Tensile</b>	125.0
<b>Elongation at Break</b>	>150%
<b>Abrasion Resistance</b>	<5%
<b>Feet/Pounds of Energy</b>	55.0

Summary of Seasonal Conditions:

Mild Winter
Temperature Inside 68 F / 20 C
Temperature Outside 45 F / 7 C
Solar Intensity 0 Btu/hr-ft <sup>2</sup>
Wind Velocity 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.

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