

**Arkansas Glass Company**  
**COMPARISON OF INSULATED GLASS PERFORMANCE DATA**

Monolithic Glass	% Daylight	% Solar	% UV	Shading Coefficient	Solar Heat Gain Coefficient	Relative Heat Gain	Light to Solar Heat Gain Ratio
1/8" Clear	90	84	71	1	0.86	210	-
1/4" Clear	88	78	62	0.95	0.78	204	1.01
<b>1" Insulated Glass</b>							
Clear / Clear	78	61	46	0.81	0.7	171	1.13
Clear / Low E	73	52	36	0.76	0.66	157	1.23
Bronze / Clear	48	40	19	0.59	0.5	125	0.96
Solex	69	39	25	0.56	0.49	120	1.41
Bronze / Low E	45	33	15	0.53	0.45	110	0.98
Grey / Clear	39	33	17	0.52	0.45	117	0.89
Grey / Low E	36	28	14	0.46	0.39	105	0.95
Evergreen / Clear	59	28	12	0.45	0.39	99	1.54
Stopsol Bronze / Clear	19	26	5	0.44	0.38	94	0.51
Clear / Soft Coat	68	32	29	0.43	0.37	90	1.80
Solex / Soft Coat	58	23	14	0.4	0.34	85	1.70
Evergreen / Low E	54	24	10	0.39	0.34	84	1.65
Evergreen / Soft Coat	58	23	14	0.41	0.35	84	1.63
Stopsol Bronze / Low E	18	20	4	0.38	0.33	80	0.56
Blue / Soft Coat	44	21	17	0.38	0.33	80	1.33
Graylite 14 / Clear	12	20	6	0.38	0.33	80	0.36
Bronze / Soft Coat	41	20	12	0.37	0.31	76	1.29
Gray / Soft Coat	34	17	13	0.33	0.28	70	1.18
Lincoln E - Low E 366	66	-	5	-	0.27	-	-
Sunglass T / Clear	50	20	4	0.29	0.25	61	2.00
Versalux Grn 2000	26	13	4	0.26	0.22	60	1.18
OptiGray 23 / Soft Coat	18	8	4	0.23	0.19	50	0.91
Stopsol Bronze / Soft Coat	16	9	3	0.22	0.19	47	0.85
Solarcool Azurlite w/Low E	20	8	3	0.18	0.16	40	1.25
<b>Four Seasons</b>							
	72	38	16	0.47	0.4	97	1.80
MC2 Wonderglass	62	32	14	0.41	0.35	85	1.77

**Shading Coefficient** - Ratio of solar gain compared to 1/8" thick clear glass.

**Relative Heat Gain** - Amount of BTU's of heat gained every hour per one square foot of glass.

The lower the number, the more energy efficient.

The **Light to Solar Gain (LSG)** - ratio of visible light transmittance to the solar heat gain coefficient (SHGC). The higher the number, the more efficient the glazing is as a light source.