



# Performance Specifications



Film Name	Shading Coeff	% Glare Reduction	% Heat Reduction	Total Solar Energy Reject	% Solar Energy			% Visible Light		% UV Reject (up to)	% Infrared Rejection	Luminous Efficacy	Emissivity	"U" Factor
					Reflect	Absorb	Trans	Reflect (Ext/Int)	Trans					
GG 200 (2 mil)	0.95	0.1	0.0	17.4	7.0	15.3	77.7	8.4 / 8.4	88.0	99.0	26.1	0.93	0.88	1.03
GG 400 (4 mil)	0.94	0.7	0.8	18.2	7.4	15.8	76.8	8.8 / 8.9	87.5	99.0	28.1	0.93	0.86	1.02
GG L400 (4 mil)	0.94	0.7	0.8	18.2	7.2	15.8	77.0	8.8 / 8.9	87.5	99.0	27.8	0.93	0.89	1.03
GG Anti-Graffiti (6 mil)	0.93	1.4	1.9	19.1	7.7	16.3	76.0	9.2 / 9.1	86.9	99.0	29.7	0.93	0.88	1.01
GG 700 (7 mil)	0.94	0.6	0.8	18.2	7.0	16.1	76.9	8.5 / 8.5	87.6	99.0	29.0	0.93	0.88	1.03
GG L800 (8 mil)	0.93	1.1	1.9	19.1	7.4	16.4	76.2	8.8 / 8.9	87.1	99.0	29.8	0.94	0.87	1.02
GG L1200 (12 mil)	0.92	2.8	3.0	20.0	7.6	18.0	74.4	9.4 / 9.4	85.6	99.0	32.8	0.93	0.87	1.02
GG L1400 (14 mil)	0.92	1.8	3.0	20.0	7.5	17.7	74.8	9.3 / 9.4	86.5	99.0	32.8	0.94	0.87	1.02
GG Signature 60 (4 mil)	0.74	31.1	21.9	35.6	8.3	40.2	51.5	10.2 / 8.1	60.7	99.0	53.4	0.82	0.86	1.02
GG Signature 60 (8 mil)	0.73	31.3	23.0	36.5	8.5	41.1	50.4	10.6 / 8.3	60.5	99.0	55.6	0.83	0.86	1.02
GG Signature 45 (4 mil)	0.66	41.1	30.4	42.6	9.8	47.6	42.6	12.0 / 9.7	51.9	99.0	62.7	0.79	0.83	1.00
GG Signature 45 (8 mil)	0.65	41.8	31.4	43.5	10.3	47.8	41.9	12.6 / 10.0	51.3	99.0	64.0	0.79	0.83	1.00
GG Signature 35 (4 mil)	0.57	52.7	39.9	50.4	13.5	53.0	33.5	16.4 / 13.5	41.7	99.0	71.5	0.73	0.78	0.97
GG Signature 35 (8 mil)	0.57	52.9	39.9	50.4	13.3	53.5	33.2	16.4 / 13.5	41.5	99.0	72.3	0.73	0.79	0.97
GG Silver 35 (8 mil)	0.43	60.5	54.6	62.6	30.8	43.6	25.6	35.5 / 35.6	34.8	99.0	82.5	0.81	0.65	0.88
GG Silver 15 (4mil)	0.25	80.1	70.5	78.3	49.0	40.4	10.6	59.1 / 61.0	14.8	99.0	93.3	0.59	0.62	0.84
GG Silver 15 (8 mil)	0.28	80.1	70.5	75.6	45.0	42.3	12.7	54.8 / 56.3	17.5	99.0	91.9	0.62	0.61	0.86

Film Name	Thickness (mils)	Plys	Peel Strength	Break Tensile	Elongation at Break	Abrasion Resistance	Ft/lbs of Energy
GG 200	2.0	1	5-7	60.0	>150%	<5%	35.0
GG 400	4.0	1	5-7	105.0	>150%	<5%	45.0
GG L400*	4.0	2	5-7	115.0	>150%	<5%	55.0
GG Anti-Graffiti	6.0	1	5-7	125.0	>150%	<5%	55.0
GG 700*	7.0	1	5-7	170.0	>150%	<5%	65.0
GG L800	8.0	2	5-7	185.0	>150%	<5%	75.0
GG L1200	12.0	2	5-7	295.0	>150%	<5%	125.0
GG L1400	14.0	3	5-7	370.0	>150%	<5%	125.0
GG Signature 60**	4.0	2	5-7	125.0	>150%	<5%	55.0
GG Signature 60	8.0	2	5-7	185.0	>150%	<5%	75.0
GG Signature 45**	4.0	2	5-7	125.0	>150%	<5%	55.0
GG Signature 45	8.0	2	5-7	185.0	>150%	<5%	75.0
GG Signature 35**	4.0	2	5-7	125.0	>150%	<5%	55.0
GG Signature 35	8.0	2	5-7	185.0	>150%	<5%	75.0
GG Silver 35	8.0	2	5-7	185.0	>150%	<5%	75.0
GG Silver 15**	4.0	2	5-7	125.0	>150%	<5%	55.0
GG Silver 15	8.0	2	5-7	185.0	>150%	<5%	75.0

Performance data is based on film applied to 1/4" clear, monolithic, annealed glass. For specifications on other types of glass, visit our website at [www.solamatrix.com](http://www.solamatrix.com).

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