

GP Max - Sun-Gard Automotive Window Film



1/4 inches = 6 mm	Shading Coeff.	Total Solar Energy Reject	Solar Reflect	Solar Absorb	Solar Transmit	Visible Light Reflect (Ext.)	Visible Light Transmit	UV Trans.	Emissivity	"U" Value (S)	"U" Value (Wm)	"U" Value (Ws)	Heat Reduction	Glare Reduction
GP Max 05	0.410	64.30%	19.20%	64.30%	16.50%	7.10%	4.80%	<1%	0.75	0.89	0.95	0.97	56.8%	94.6%
GP Max 15	0.540	53.00%	10.00%	59.90%	30.10%	5.00%	15.10%	<1%	0.78	1.08	1.00	1.06	43.0%	82.9%
GP Max 20	0.620	46.10%	7.90%	54.90%	37.20%	5.20%	20.00%	<1%	0.82	0.93	0.99	1.01	34.6%	77.3%
GP Max 35	0.670	41.70%	8.80%	46.90%	44.30%	7.10%	39.90%	<1%	0.81	0.93	0.99	1.00	29.3%	54.7%
GP Max 50	0.820	28.70%	6.40%	32.00%	61.60%	5.70%	46.40%	<1%	0.87	1.08	1.05	1.10	13.5%	47.3%

1/8 inches = 3 mm	Shading Coeff.	Total Solar Energy Reject	Solar Reflect	Solar Absorb	Solar Transmit	Visible Light Reflect (Ext.)	Visible Light Transmit	UV Trans.	Emissivity	"U" Value (S)	"U" Value (Wm)	"U" Value (Ws)	Heat Reduction	Glare Reduction
GP Max 05	0.410	64.30%	21.90%	60.00%	18.10%	7.60%	4.80%	<1%	0.76	0.92	0.98	1.00	59.0%	94.7%
GP Max 15	0.560	51.30%	10.90%	57.30%	31.80%	5.40%	15.20%	<1%	0.79	1.10	1.03	1.08	44.0%	83.1%
GP Max 20	0.640	44.30%	8.60%	51.30%	40.10%	5.30%	20.40%	<1%	0.83	0.96	1.02	1.03	36.0%	77.3%
GP Max 35	0.690	40.00%	9.90%	43.50%	46.60%	7.60%	40.30%	<1%	0.82	0.95	1.01	1.03	31.0%	55.1%
GP Max 50	0.870	24.30%	7.00%	25.20%	67.80%	5.70%	47.40%	<1%	0.88	1.09	1.08	1.13	13.0%	47.2%

Summary of Seasonal Conditions:

	<u>Summer Day</u>	<u>Mild Winter</u>	<u>Severe Winter</u>	Shading Coefficient calculated under SUMMER DAY conditions.
Temperature Inside	75 F / 24 C	68 F / 20 C	70 F / 21 C	"U" (S) "U" Value calculated under SUMMER DAY conditions.
Temperature Outside	89 F / 32 C	45 F / 7 C	0 F / -18 C	"U" (Wm) "U" Value calculated under MILD WINTER conditions.
Solar Intensity	248.2 Btu/hr-ft ²	0 Btu/hr-ft ²	0 Btu/hr-ft ²	"U" (Ws) "U" Value calculated under SEVERE WINTER conditions.
Wind Velocity	7.5 MPH / 4.6 KPH	15 MPH / 9 KPH	15 MPH / 9 KPH	

Notes:

1. Performance results were generated from testing film applied to 1/4" and 1/8" clear, 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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