

PerformX Slate - 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
Slate 05	0.410	64.30%	18.60%	65.10%	16.30%	7.70%	4.90%	<1%	0.75	0.89	0.95	0.97	56.8	94.4
Slate 15	0.540	53.00%	10.60%	61.30%	28.10%	6.90%	14.70%	<1%	0.81	0.93	0.99	1.00	43.0	83.3
Slate 20	0.550	52.10%	11.10%	58.20%	30.70%	6.20%	21.10%	<1%	0.76	0.90	0.96	0.98	42.0	76.0
Slate 35	0.670	41.70%	8.00%	48.00%	44.00%	6.60%	40.10%	<1%	0.82	0.93	0.99	1.01	29.3	54.5
Slate 50	0.740	35.60%	7.60%	41.00%	51.40%	7.80%	54.40%	<1%	0.86	0.95	1.02	1.03	21.9	38.3

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
Slate 05	0.410	64.30%	21.60%	60.60%	17.80%	7.40%	5.00%	<1%	0.76	0.92	0.98	1.00	59.0	94.4
Slate 15	0.550	52.10%	12.40%	56.60%	31.00%	7.40%	14.90%	<1%	0.82	0.95	1.01	1.03	45.0	83.4
Slate 20	0.570	50.40%	12.40%	54.00%	33.60%	5.90%	21.50%	<1%	0.77	0.92	0.98	1.00	43.0	76.1
Slate 35	0.700	39.10%	8.90%	43.70%	47.40%	6.80%	40.70%	<1%	0.83	0.96	1.02	1.03	30.0	54.7
Slate 50	0.760	33.90%	8.30%	36.50%	55.20%	7.90%	55.30%	<1%	0.87	0.98	1.04	1.05	24.0	38.4

Summary of Seasonal Conditions:

	Summer Day	Mild Winter	Severe Winter
Temperature Inside	75 F / 24 C	68 F / 20 C	70 F / 21 C
Temperature Outside	89 F / 32 C	45 F / 7 C	0 F / -18 C
Solar Intensity	248.2 Btu/hr-ft ²	0 Btu/hr-ft ²	0 Btu/hr-ft ²
Wind Velocity	7.5 MPH / 4.6 KPH	15 MPH / 9 KPH	15 MPH / 9 KPH

Shading Coefficient calculated under SUMMER DAY conditions.

"U" (S) "U" Value calculated under SUMMER DAY conditions.

"U" (Wm) "U" Value calculated under MILD WINTER conditions.

"U" (Ws) "U" Value calculated under SEVERE WINTER conditions.

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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