



## Safety and Security Window Film Comparison Chart

	Total Solar Energy			Visible Light				Solar Heat Gain Coefficient	Shading Coefficient	Luminous Efficacy	Total Solar Energy Rejection %	Infrared Rejection %	U-Factor	Emissivity	Ultraviolet Rejection %
	Transmitted %	Reflected %	Absorbed %	Transmitted %	Reflected Exterior %	Reflected Interior %	Glare Reduction %								
<b>Clear Safety Film</b>															
4 Mil	82%	8%	9%	89%	9%	9%	1%	0.85	0.98	0.91	15%	20%	1.05	0.87	99%
7 Mil	81%	8%	11%	89%	9%	9%	1%	0.85	0.97	0.91	15%	24%	1.07	0.91	99%
8 Mil	79%	8%	13%	87%	10%	9%	3%	0.83	0.95	0.91	17%	28%	1.07	0.90	99%
12 Mil	79%	8%	14%	87%	9%	9%	3%	0.83	0.95	0.92	17%	28%	1.06	0.88	99%
4 Mil Anti-Graffiti	82%	9%	9%	89%	9%	9%	0%	0.85	0.98	0.92	15%	22%	1.04	0.84	99%
6 Mil Anti-Graffiti	81%	9%	10%	87%	10%	10%	3%	0.84	0.96	0.91	16%	23%	1.04	0.84	99%
<b>Solar Safety Film</b>															
4 Mil Silver 20	13%	53%	34%	18%	57%	57%	80%	0.22	0.25	0.70	78%	94%	0.91	0.60	99%
4 Mil Silver 40	34%	28%	38%	44%	28%	26%	51%	0.45	0.51	0.86	55%	79%	0.95	0.68	99%
8 Mil Silver 20	13%	52%	35%	17%	57%	58%	81%	0.22	0.25	0.70	78%	94%	0.90	0.58	99%
8 Mil Silver 40	34%	28%	38%	44%	28%	27%	51%	0.45	0.51	0.86	55%	80%	0.96	0.70	99%
8 Mil Gray 35	30%	18%	52%	36%	15%	22%	60%	0.45	0.52	0.69	55%	79%	0.98	0.73	99%
8 Mil Gray 45	37%	16%	47%	44%	14%	17%	51%	0.51	0.58	0.76	50%	73%	0.97	0.71	99%

\*The IR Rejection measurement is based on an average transmission from 780-2500m

The performance data shown is based on film applied to 1/8" clear, monolithic, annealed glass. Technical values reported are typical properties and should not be used as a specification. The user alone is aware of the specific conditions in which the product is to be applied, therefore, it is their responsibility to determine the suitability of the product for that intended application. If you need more comprehensive information or guidance, contact maxpro or your local Maxpro window film dealer.