POWERCOOL®
Solar Control Window Film
Since 2002

REFLECTIVE FILMS

DESIGNED TO REDUCE UP TO 78% SOLAR HEAT & TO PROVIDE PRIVACY

Reflective Films are coated with a micro-thin, partially transparent layer of metal and have a mirror like finish. They prevent visibility from outside (area of greater light intensity) during the day and vice-versa during the night. Total solar energy rejection is on higher side.

	R GREY 10	R GREEN 10	R BLUE 15	R BRONZE 10	R GOLD 15	R SILVER 20	R SILVER 50	R SILVER 70
Thickness	2 Mil	2 Mil	2 Mil	2 Mil	2 Mil	2 Mil	2 Mil	2 Mil
Visible Light Transmittance	8%	13%	13%	10%	14%	18%	49%	69%
Visible Light Reflectance	13%	23%	31%	21%	46%	58%	26%	12%
Solar Energy Transmittance	9%	12%	11%	10%	12%	13%	38%	56%
Solar Energy Reflectance	27%	32%	37%	31%	44%	53%	26%	12%
Solar Energy Absorbance	64%	56%	52%	59%	44%	34%	36%	32%
Ultra Violet Transmittance	<1%	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Glare Reduction	92%	86%	86%	89%	84%	80%	46%	24%
Shading Coefficient	0.31	0.32	0.29	0.31	0.28	0.25	0.56	0.75
Emissivity	0.68	0.66	0.69	0.66	0.69	0.64	0.78	0.81
U Factor (BTU/hr./sq.ft.)	1.03	1.01	1.01	1.01	1.04	1.01	1.07	1.09
Total Solar Energy Rejection	73%	73%	75%	74%	76%	78%	52%	35%

Disclaimer: All values as applied to 1/8 inch Clear Plate Glass.
Tests are representative of actual production & may vary from batch to batch.

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