

Etch Effect - Solar Energy Table

Light Transmission, Solar Energy & UV Performance Table

The following provides a guide to the light transmission, solar energy and UV performance parameters of the Metamark Etch Glass films.

Test performed without Glass	M4-OF Frost	M7-CR Crystal Etch	M7-DE Dusted Etch	M7-SE Silver Etch	M7-OH Opal Haze
Solar Energy Transmission, %	88%	57%	86%	73%	87%
Solar Energy Reflection, %	9%	28%	8%	19%	11%
Solar Energy Absorption, total, %	3%	14%	6%	8%	2%
Visible Light Transmission, %	91%	59%	90%	75%	89%
Visible Light Reflection, adhesive side, %	9%	29%	8%	20%	11%
Visible Light Reflection, film side, %	9%	29%	8%	20%	2%
UV Transmission, %	29%	25%	24%	38%	40%
g value	0.89	0.61	0.88	0.75	0.87
Total Solar Energy Rejected, %	11%	39%	12%	25%	13%
Glare Reduction, %	4%	38%	3%	23%	8%

Test performed on Glass	M4-OF Frost	M7-CR Crystal Etch	M7-DE Dusted Etch	M7-SE Silver Etch	M7-OH Opal Haze
Solar Energy Transmission, %	80%	52%	80%	65%	78%
Solar Energy Reflection, %	11%	28%	10%	22%	12%
Solar Energy Absorption, total, %	9%	20%	10%	13%	10%
Visible Light Transmission, %	86%	56%	87%	69%	83%
Visible Light Reflection, adhesive side, %	12%	30%	11%	24%	13%
Visible Light Reflection, film side, %	12%	30%	12%	22%	12%
UV Transmission, %	25%	23%	23%	34%	36%
g value	0.82	0.57	0.82	0.68	0.80
Total Solar Energy Rejected, %	18%	43%	18%	32%	20%
Glare Reduction, %	4%	38%	3%	23%	8%

3mm Float Glass - g value 0.88 - Visible Light Transmission, 90%

The data given are for the adhesive side facing towards the sun. This information is given 'as is'; and given in good faith as correct. No warranty can be given regarding its reliability.

Warranty: Metamark (UK) Limited warrants to its customers that completed decorative markings which utilise Metamark SignVinyl will remain in good condition without excessive fading or colour degradation for the specified life time of each material when correctly stored and applied in accordance with procedures outlined in the technical literature. If within the specified years of normal use Metamark SignVinyl becomes ineffective for its intended use, then Metamark will provide sufficient material to produce a new replacement marking, and will also, at its own discretion, contribute an allowance towards the costs involved in replacing the graphics. **Please Note:** The above data is given in good faith to provide an indication of the performance of the product. Purchasers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.

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