

Sunscape Film Performance Measurements



% Visible Light



% Total Solar Energy

Film	% Visible Light				% Total Solar Energy				Shading Coefficient (SC)	Solar Heat Gain Coefficient (SHGC)	U Factor	UV Rejection	Emissivity	Light to Solar Gain	Total Solar Energy Rejected (TSER)	IR Rejection*	Infrared Energy Rejection (IRER)
	Trans.	Reflected External	Reflected Internal	Glare Reduction	Trans.	Reflected External	Absorbed										
Designer Grey 55	59%	8%	8%	33%	51%	8%	42%	0.73	0.64	1.04	≥ 99%	0.88	0.93	36%	55%	39%	
Designer Grey 45	49%	12%	13%	45%	39%	12%	49%	0.62	0.54	0.99	≥ 99%	0.78	0.90	46%	69%	50%	
Designer Grey 35	38%	15%	21%	57%	30%	15%	54%	0.53	0.46	0.95	≥ 99%	0.70	0.83	54%	78%	58%	
Duralite 40	42%	16%	12%	53%	38%	16%	46%	0.60	0.52	1.00	≥ 99%	0.79	0.80	48%	70%	43%	
Duralite 30	31%	18%	10%	65%	33%	18%	49%	0.55	0.48	0.99	≥ 99%	0.77	0.65	52%	73%	46%	
Duralite 20	19%	29%	17%	78%	20%	30%	51%	0.40	0.34	0.96	≥ 99%	0.72	0.56	66%	86%	67%	
Duralite 10	10%	18%	12%	89%	16%	26%	57%	0.38	0.33	0.96	≥ 99%	0.72	0.29	67%	85%	62%	
Softlite 35	35%	18%	24%	61%	24%	24%	52%	0.44	0.38	0.91	≥ 99%	0.62	0.90	62%	87%	68%	
Softlite 25	23%	28%	33%	75%	14%	33%	53%	0.33	0.29	0.90	≥ 99%	0.61	0.78	71%	93%	76%	
Starlite 38	40%	18%	12%	55%	31%	17%	53%	0.54	0.47	1.02	≥ 99%	0.83	0.84	53%	78%	57%	
Starlite 28	29%	31%	20%	68%	20%	28%	51%	0.41	0.36	1.00	≥ 99%	0.79	0.80	64%	89%	68%	
Starlite 18	17%	37%	13%	80%	16%	32%	52%	0.36	0.31	1.00	≥ 99%	0.79	0.56	69%	90%	70%	
Starlite 8	8%	55%	25%	92%	5%	45%	49%	0.23	0.20	1.02	≥ 99%	0.82	0.37	80%	98%	80%	
Advanced Ceramic 5000	53%	12%	10%	40%	40%	11%	49%	0.64	0.56	1.05	≥ 99%	0.89	0.95	44%	66%	49%	
Advanced Ceramic 4000	46%	14%	12%	49%	33%	14%	53%	0.58	0.50	1.04	≥ 99%	0.88	0.91	50%	75%	55%	
Advanced Ceramic 3000	35%	17%	16%	61%	24%	17%	58%	0.49	0.43	1.03	≥ 99%	0.86	0.81	58%	83%	62%	
Purelite 60	60%	10%	11%	33%	40%	8%	52%	0.64	0.56	1.03	≥ 99%	0.85	1.07	44%	87%	53%	
Purelite 40	39%	15%	12%	57%	29%	15%	56%	0.53	0.47	1.02	≥ 99%	0.83	0.83	54%	90%	59%	
Designer Grey 45 8 Mil	43%	14%	17%	51%	34%	14%	52%	0.57	0.49	0.95	≥ 99%	0.71	0.88	51%	76%	55%	
Designer Grey 35 8 Mil	36%	15%	22%	60%	28%	15%	57%	0.51	0.45	0.96	≥ 99%	0.73	0.80	55%	82%	59%	

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Read in accordance with National Fenestration Rating Council (NFRC) standards and calculated on single pane 6mm (1/4") clear glass.

*IR Rejection is tested in the IR range of 780 to 2500 nanometers.

Reported values are typical properties and should not be used as a specification. Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact Madico, Inc. or your local Madico film dealer.