

## Film Performance Results

Performance results were generated from testing 1/8" (3mm) thick clear glass and have been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. Performance results are subject to variations within industry standards.

Film Type	Adhesive		Solar Energy			Visible Light				E	Thermal Energy				UV Light T%	Total Solar Energy Rejected (%)
	PSA	CDA	T%	A%	R%	T%	A%	Exterior R%	Interior R%		Summer U-Value	Winter U-Value	SC	SHGC		
<b>Specialty</b>																
Clear Frost	•		61	19	20	65	10	25	27	.87	1.07	1.12	.77	.66	<2	33
Black Opaque	•		0	95	5	0	94	6	7	.87	1.20	1.12	.33	.28	<2	71
White Opaque	•		15	31	54	9	21	70	84	.88	1.10	1.13	.27	.23	<2	77
Rose Red	•		57	35	8	15	79	6	7	.87	1.11	1.12	.78	.67	<2	32
Royal Blue	•		54	38	8	22	72	6	7	.86	1.11	1.12	.75	.65	<2	35
Emerald Green	•		56	37	7	39	55	6	7	.87	1.11	1.12	.77	.66	<2	33
<b>Graffitigard</b>																
4 Mil Graffitigard	•		80	12	8	89	2	9	9	.89	1.06	1.13	.97	.83	<2	16
6 Mil Graffitigard	•		80	12	8	88	2	10	10	.89	1.06	1.13	.96	.83	<2	16
7 Mil Graffitigard	•		79	13	8	88	3	9	9	.89	1.06	1.13	.96	.83	<2	16
<b>Graphics (Vinyl)</b>			Performance Results Not Applicable													
Deep Etch	•		Product Available In A 48" x 100' Roll													
Sparkling Frost	•		Product Available In A 48" x 100' Roll													
Fused Crystal	•		Product Available In A 48" x 100' Roll													
<b>Decogard</b>			Performance Results Not Applicable													
Gossamer	•		Product Available In A 36" x 100' Roll													
Mini-Blind	•		Product Available In A 36" x 100' Roll													
Bold Blocks	•		Product Available In A 36" x 100' Roll													
Venetian Blind	•		Product Available In A 36" x 100' Roll													

### Legend

T = Transmittance    A = Absorptance    R = Reflectance    E = Emissivity    U-Value = Heat Transfer Coefficient    SC = Shading Coefficient  
 SHGC = Solar Heat Gain Coefficient    UV = Ultraviolet

### Conversions

2 Mil = 50 micron    4 Mil = 100 micron    7 Mil = 175 micron    8 Mil = 200 micron    10 Mil = 250 micron    11 Mil = 275 micron    14 Mil = 350 micron

### Notes:

1. Bekaert Specialty Films, LLC is a participating member of AIMCAL, the Association of Industrial Metallizers, Coaters and Laminators. All data reported on performance results has been tested using ASHRAE, ASTM, IWFA and AIMCAL calculations and test procedures. Performance results are subject to variations within industry standards and only intended for estimating purposes.

2. These test data contain only results arrived at after employing specific test procedures and standards. The included data does not constitute a recommendation for, endorsement of, or certification of the product or material tested. These data are provided for informational purposes only and are not to be considered part of the basis of any bargain or transaction involving Bekaert Specialty Films, LLC's ("BSF") products. BSF makes no representation or warranty, expressed or implied, including the implied warranties of merchantability or fitness for a particular purpose, that its products will conform to these test data. BSF's limited warranty should be carefully reviewed prior to purchasing any BSF product. Extrapolation of data from the sample or samples relating to the batch or lot from which data were obtained may not correlate and should be interpreted accordingly with caution. BSF shall not be responsible for variations in quality, composition, appearance, performance, or other feature of similar subject matter produced by persons or under conditions over which BSF has no control.

