

Architectural Films Performance Specifications



Serie/Product	Solar Transm %	Solar Reflect %	Solar Absorb %	Visible Light Transm %	Visible Light Reflect EXT %	Visible Light Reflect INT %	Glare Reduction %	Solar Heat Gain Coeff	Shading Coeff	Luminous Efficacy	Total Solar Energy Rejection %	Infrared Rejection %	U Factor	Emissivity	UV Rejection Exceeds %
Nova 70	50.0	31.0	19.0	69.0	22.0	21.0	24.0	0.55	0.63	1.09	45.0	74.0	0.96	0.69	99.0%
Nova 50	33.0	46.0	22.0	51.0	37.0	37.0	43.0	0.38	0.44	1.15	62.0	88.0	0.94	0.66	99.0%
Nova 35	20.0	60.0	20.0	34.0	54.0	56.0	62.0	0.26	0.29	1.17	74.0	94.0	0.94	0.65	99.0%
Signature 60	58.0	9.0	33.0	62.0	10.0	12.0	31.0	0.68	0.79	0.78	31.0	45.0	1.07	0.87	99.0%
Signature 35	33.0	16.0	52.0	35.0	17.0	19.0	61.0	0.49	0.56	0.63	52.0	67.0	1.05	0.85	99.0%
Signature 20	18.0	26.0	56.0	19.0	29.0	31.0	78.0	0.35	0.41	0.48	65.0	81.0	1.03	0.83	99.0%
Solar Bronze 50	31.0	22.0	44.0	48.0	17.0	22.0	45.0	0.30	0.50	0.96	57.0	78.0	0.92	0.65	99.0%
Solar Bronze 35	26.0	29.0	45.0	35.0	19.0	24.0	61.0	0.38	0.44	0.80	62.0	86.0	0.92	0.62	99.0%
Solar Bronze 20	15.0	39.0	46.0	23.0	28.0	33.0	75.0	0.28	0.32	0.72	72.0	92.0	0.92	0.61	99.0%
Decorator Neutral 33	26.0	20.0	53.0	29.0	16.0	21.0	66.0	0.51	0.47	0.63	59.1	76.0	0.95	0.69	99.0%
Optivision 35	42.0	14.0	44.0	38.0	13.0	8.0	58.0	0.55	0.63	0.60	45.0	62.0	1.02	0.81	99.0%
Optivision Reflective 05	10.0	53.0	37.0	8.0	56.0	15.0	91.0	0.20	0.23	0.34	80.0	93.0	0.96	0.69	99.0%
Silver 60	45.0	12.0	43.0	58.0	14.0	16.0	34.0	0.57	0.66	0.88	43.0	65.0	1.02	0.82	99.0%
Silver 35	34.0	29.0	37.0	44.0	28.0	27.0	51.0	0.44	0.50	0.88	56.0	80.0	0.95	0.68	99.0%
Silver 15	14.0	53.0	34.0	19.0	56.0	56.0	79.0	0.23	0.26	0.73	78.0	93.0	0.90	0.58	99.0%
Reflective Bronze 15	9.0	32.0	59.0	9.3	56.0	21.0	89.0	0.21	0.27	0.34	76.0	91.9	0.89	0.59	99.0%
Silver Exterior 35	26.0	39.0	35.0	36.0	36.0	33.0	59.0	0.35	0.41	0.87	64.0	81.0	1.03	0.72	99.0%
Silver Exterior 15	12.0	59.0	29.0	17.0	57.0	54.0	80.0	0.20	0.23	0.75	80.0	93.0	1.03	0.69	99.0%
Stainless Steel Exterior 35	40.0	15.0	45.0	41.0	19.0	16.0	54.0	0.53	0.61	0.67	47.0	59.0	1.11	0.86	99.0%
Stainless Steel Exterior 20	24.0	24.0	51.0	25.0	26.0	23.0	72.0	0.39	0.45	0.56	61.0	80.0	1.12	0.84	99.0%
Dark Gray Exterior 8	53.0	6.0	41.0	8.0	4.0	5.0	91.0	0.65	0.75	0.11	35.0	19.0	1.03	0.85	99.0%
UV Gard	79.0	8.0	13.0	82.0	8.0	8.0	9.0	0.83	0.95	0.86	17.0	19.0	1.05	0.88	99.0%
White Out	20.0	46.0	34.0	15.0	61.0	78.0	84.0	0.30	0.35	0.42	70.0	73.0	1.04	0.87	99.0%
Black Out	0.0	5.0	96.0	0.0	5.0	7.0	100.0	0.30	0.30	0.0	74.0	99.0	1.04	0.86	100.0%
Froste Matte 377	66.0	16.0	18.0	68.0	19.0	20.0	24.0	0.71	0.82	0.83	29.0	33.0	1.04	0.86	99.0%

Glass-Gard Films Performance Specifications



Serie/Product	Solar Transm %	Solar Reflect %	Solar Absorb %	Visible Light Transm %	Visible Light Reflect EXT %	Visible Light Reflect INT %	Glare Reduction %	Solar Heat Gain Coeff	Shading Coeff	Luminous Efficacy	Total Solar Energy Rejection %	Infrared Rejection %	U Factor	Emissivity	UV Rejection Exceeds %
GG200	78.0	7.0	15.3	88.0	8.0	8.0	0.00	0.85	0.95	0.93	17.0	26.0	1.03	0.88	99.0%
GG400	82.0	8.0	9.0	89.0	9.0	9.0	0.90	0.85	0.98	0.91	15.0	20.0	1.04	0.87	99.0%
GG700	81.0	8.0	11.0	89.0	9.0	9.0	1.00	0.85	0.97	0.91	15.0	24.0	1.07	0.91	99.0%
GGL800	79.0	8.0	13.0	87.0	10.0	9.0	3.00	0.83	0.95	0.92	17.0	28.0	1.07	0.90	99.0%
GGL1200	78.0	8.0	14.0	87.0	9.0	9.0	3.00	0.82	0.95	0.91	17.0	28.0	1.05	0.88	99.0%
Graffiti Free 600	81.0	10.0	10.0	87.0	10.0	10.0	3.00	0.83	0.96	0.91	17.0	23.0	1.01	0.87	99.0%
GGL400 Signature 35	33.5	13.5	53.0	41.7	16.4	13.5	52.7	0.45	0.57	0.73	50.4	71.5	0.97	0.78	99.0%
GGL400 Silver 15	10.6	49.0	40.4	14.8	59.1	61.0	80.1	0.22	0.28	0.59	78.3	93.3	0.84	0.62	99.0%

Serie/Product	Thickness (mils)	Structure Component	Structure	Adhesive Type	Tensile Strength	Break Strength	Peel Strength
GG200	0.0025"	0.002"	Single Ply	Acrylic Pressure Sensitive	25,000 PSI	60 pounds	5-7
GG400	0.0045"	0.004"	Single Ply	Acrylic Pressure Sensitive	25,000 PSI	100 pounds	5-6
GG700	0.008"	0.007"	Single Ply	Acrylic Pressure Sensitive	25,000 PSI	175 pounds	5-6
GGL800	0.0095"	0.008"	Multi Ply	Acrylic Pressure Sensitive	25,000 PSI	200 pounds	5-6
GGL1200	0.0012"	0.0115"	Multi Ply	Acrylic Pressure Sensitive	25,000 PSI	295 pounds	5-6
Graffiti Free 600	0.004"	0.004"	Single Ply	Acrylic Pressure Sensitive	25,000 PSI	150 pounds	3-4
GGL400 Signature 35	0.0045"	0.004"	Single Ply	Acrylic Pressure Sensitive	25,000 PSI	100 pounds	5-6
GGL400 Silver 15	0.0045"	0.004"	Single Ply	Acrylic Pressure Sensitive	25,000 PSI	100 pounds	5-6

Performance data is based on film applied to 1/4" clear, monolithic, annealed glass. For specifications on other types of glass, visit our website at www.sun-gard.com. Tests, equipment and methods are in accordance with ASTM and NFRC standards. Results are calculated using Lawrence Berkeley Lab's "Windows 5.2" software program. Data expressed herein is typical and provided for comparative purposes only.