
iQUE™
WINDOW FILMS
PERFORMANCE
DATA



SOLAR CONTROL

Below are the technical definitions of which the film specifications are calculated using standard clear 3mm glass.

% VISIBLE LIGHT TRANSMITTANCE
 % VISIBLE LIGHT REFLECTANCE (GLASS)
 % VISIBLE LIGHT REFLECTANCE (FILM)
 % ULTRAVIOLET REJECTION
 % TOTAL SOLAR ENERGY REJECTION
 LUMINOUS EFFICACY
 SOLAR HEAT GAIN COEFFICIENT
 SHADING COEFFICIENT
 EMISSIVITY
 U-VALUE Btu/(hr.ft².°F)
 GLARE REDUCTION
 % TOTAL SOLAR ENERGY TRANSMITTED
 % TOTAL SOLAR ENERGY REFLECTED IN THE FRONT SIDE
 % TOTAL SOLAR ENERGY ABSORBED
 % TOTAL SOLAR ENERGY REFLECTED IN THE BACK SIDE

SPECTRALLY SELECTIVE															
78FG	78.0	10.0	10.0	99.0	42.0	1.17	0.58	0.67	0.57	0.89	0.13	51.0	22.0	27.0	28.0
73FG	69.0	9.0	10.0	99.0	57.0	1.39	0.43	0.50	0.54	0.88	0.23	35.0	32.0	33.0	40.0
58FG	58.0	11.0	9.0	99.0	50.0	1.02	0.50	0.57	0.80	1.02	0.35	38.0	23.0	39.0	19.0
53GII	53.0	10.0	9.0	99.0	61.0	1.19	0.39	0.45	0.78	1.01	0.41	27.0	32.0	41.0	27.0
43FG	44.0	12.0	10.0	99.0	64.0	1.06	0.36	0.41	0.85	1.05	0.51	22.0	33.0	45.0	22.0
33FG	36.0	13.0	13.0	99.0	66.0	0.93	0.34	0.39	0.86	1.05	0.60	19.0	33.0	48.0	20.0
IR-COATING															
83J	82.0	10.0	10.0	99.0	28.0	1.00	0.72	0.83	0.84	1.04	0.09	63.0	8.0	29.0	8.0
73J	70.0	7.0	8.0	99.0	39.0	1.06	0.61	0.67	0.89	1.07	0.22	46.0	7.0	47.0	7.0
63J	65.0	9.0	9.0	99.0	43.0	1.00	0.57	0.65	0.83	1.03	0.28	41.0	7.0	52.0	7.0
PERFORMANCE															
68P	67.0	23.0	26.0	99.0	50.0	1.17	0.50	0.57	0.55	0.88	0.26	45.0	35.0	20.0	43.0
18P	16.0	14.0	13.0	99.0	66.0	0.42	0.34	0.39	0.74	0.99	0.82	14.0	18.0	68.0	21.0
HYBRID															
33T	37.0	21.0	17.0	99.0	52.0	0.66	0.48	0.56	0.86	1.09	0.59	33.0	19.0	48.0	18.0
8H	5.0	11.0	10.0	99.0	70.0	0.15	0.30	0.35	0.70	0.97	0.94	13.0	27.0	60.0	30.0
METALLISED															
58A	66.0	14.0	12.0	99.0	35.0	0.89	0.65	0.74	0.84	1.04	0.27	56.0	14.0	30.0	13.0
EXTERNAL															
73FGX	69.0	10.0	10.0	99.0	57.0	1.41	0.43	0.49	0.84	1.04	0.23	35.0	40.0	25.0	32.0
33A (OSW)	36.0	42.0	39.0	99.0	65.0	0.89	0.35	0.41	0.84	1.04	0.60	27.0	46.0	27.0	39.0
18A (OSW)	18.0	63.0	60.0	99.0	80.0	0.76	0.20	0.23	0.84	1.04	0.80	13.0	64.0	23.0	56.0

SAFETY & SECURITY

	% VISIBLE LIGHT TRANSMITTANCE	% VISIBLE LIGHT REFLECTANCE (GLASS)	% VISIBLE LIGHT REFLECTANCE (FILM)	% ULTRAVIOLET REJECTION	% TOTAL SOLAR ENERGY REJECTION	LUMINOUS EFFICACY	SOLAR HEAT GAIN COEFFICIENT	SHADING COEFFICIENT	EMISSIVITY	U-VALUE Btu/(hr.ft ² .°F)	GLARE REDUCTION	% TOTAL SOLAR ENERGY TRANSMITTED	% TOTAL SOLAR ENERGY REFLECTED IN THE FRONT SIDE	% TOTAL SOLAR ENERGY ABSORBED	% TOTAL SOLAR ENERGY REFLECTED IN THE BACK SIDE
SOLAR CONTROL SAFETY & SECURITY															
SS400/73	71.0	9.0	9.0	99.0	54.0	1.34	0.46	0.53	0.82	1.03	0.21	37.0	31.0	32.0	37.0
SAFETY & SECURITY															
CS200/83	90.0	10.0	10.0	95.0	14.0	0.91	0.86	0.99	0.90	1.07	0.00	84.0	9.0	7.0	9.0
CS400/38	36.0	22.0	19.0	99.0	55.0	0.68	0.45	0.52	0.85	1.05	0.61	31.0	21.0	48.0	20.0
CS400/83	89.0	10.0	10.0	99.0	15.0	0.91	0.85	0.98	0.89	1.07	0.01	83.0	9.0	8.0	9.0
CS800/83	88.0	11.0	11.0	99.0	16.0	0.92	0.84	0.96	0.90	1.07	0.02	81.0	10.0	9.0	10.0

Note: All values averaged from routinely accumulated quality control.