

ARCHITECTURAL PERFORMANCE SPECIFICATION

Type of Films	Structure	Visible Light			Solar Energy			IR Rejected	UV Protection	Solar Heat Reduction	Emissivity	Shading Coefficient	U-Value (W/m ² K)	SHGC	TSER	Glare Reduction
		Transmitted	Reflected (int)	Reflected (ext)	Transmitted	Reflected	Absorbed									
SILVER FILMS																
HP SILVER OUT	2mil/2ply	2.3	87.7	83.6	0.4	85.0	14.6	99.4	>99	90	0.66	0.10	5.5	0.09	93.6	100
HP SILVER 05	2mil/2ply	5.8	77.7	73.6	4.8	65.3	29.9	94	>99	83	0.58	0.17	5.3	0.15	88.5	94
HP SILVER 20	2mil/2ply	21.8	56.7	52.3	17.2	55.9	26.9	82	>99	67	0.70	0.33	5.6	0.29	74.7	76
HP SILVER 30	2mil/2ply	38.0	38.2	34.2	27.7	43.3	29.0	71	>99	52	0.71	0.48	5.6	0.42	61.2	58
HP SILVER 50	2mil/2ply	52.8	20.3	16.8	45.2	23.5	31.3	48	>99	29	0.77	0.71	5.8	0.62	39.9	29
HP SILVER 60	2mil/2ply	64.2	14.9	12.4	54.5	15.8	29.7	39	>99	22	0.86	0.78	6.0	0.69	33.5	25
SPUTTERED FILMS																
NR SOLAR BRONZE 15	2mil/2ply	16.0	49.0	44.5	8.5	54.1	37.4	95	>99	76	0.58	0.24	5.3	0.21	83.1	82
NR SOLAR BRONZE 35	2mil/2ply	35.2	30.1	26.7	22.0	40.7	37.3	83	>99	61	0.60	0.39	5.3	0.34	69.6	61
NR SOLAR BRONZE 50	2mil/2ply	50.6	20.0	16.6	36.1	28.4	35.5	68	>99	46	0.62	0.54	5.4	0.47	55.7	44
PLATINUM 20	2mil/2ply	23.7	24.3	28.8	22.4	25.0	52.6	75	>99	54	0.86	0.46	6.0	0.40	63.9	74
PLATINUM 35	2mil/2ply	47.2	10.8	15.0	43.9	13.2	42.9	53	>99	34	0.89	0.66	6.0	0.57	44.7	48
PLATINUM 50	2mil/2ply	61.5	8.4	11.4	57.4	10.1	32.5	37	>99	23	0.88	0.77	6.0	0.67	34.0	32
SS 6590	1.5mil/2ply	68.4	15.5	15.9	39.7	23.5	36.8	94	>99	41	0.62	0.59	5.4	0.51	51.9	24
NSN 35	2mil/2ply	37.6	52.1	50.0	24.5	52.3	23.2	85	>99	63	0.58	0.37	5.3	0.32	70.3	58
NSN 50	2mil/2ply	52.0	35.2	33.6	34.5	41.9	23.6	75	>99	52	0.61	0.48	5.4	0.42	60.1	42
SPECIALTY FILMS																
FIRST CLASS 7080	2mil/2ply	70.5	11.8	11.9	37.0	34.5	28.5	89	>99	47	0.68	0.53	5.5	0.46	60.0	22
DYNASTY 6599	2mil/2ply	63.1	8.7	12.0	31.2	20.6	48.2	99	>99	45	0.63	0.55	5.4	0.48	56.7	30
BLACK LABEL 15	2mil/2ply	16.2	5.2	12.0	18.9	20.8	60.3	80	>99	55	0.70	0.45	5.6	0.39	66.6	82
BLACK LABEL 25	2mil/2ply	25.0	5.6	13.5	23.2	21.1	55.7	80	>99	52	0.74	0.48	5.7	0.42	63.2	72
BLACK LABEL 70	2mil/2ply	63.2	8.8	14.1	36.3	24.0	39.7	81	>99	41	0.72	0.59	5.7	0.51	52.8	30
EXTERIOR FILMS																
TIMELESS 20 EXTERIOR	2mil/2ply	21.3	26.4	30.0	20.9	25.6	53.5	75	>99	56	0.85	0.44	6.0	0.38	65.1	76
HP SILVER 20 EXTERIOR	3mil/2ply	21.1	57.4	52.8	16.4	48.3	35.3	83	>99	68	0.78	0.32	5.7	0.28	74.7	77
HP SILVER 30 EXTERIOR	3mil/2ply	37.8	38.0	34.5	29.6	33.4	37.0	71	>99	52	0.79	0.48	5.8	0.42	61.0	58
HP SILVER 50 EXTERIOR	3mil/2ply	61.8	17.4	14.9	50.4	14.7	34.9	50	>99	30	0.83	0.70	5.9	0.61	40.6	31
DSI 5080	3mil	58.7	9.2	8.2	37.0	6.9	56.2	85	99.9	38	0.82	0.62	5.9	0.55	44.6	35
DSI 7080	3mil	73.4	10.5	10.6	42.6	8.6	45.3	82	99.9	32	0.81	0.68	5.9	0.61	40.2	18

* All Testing Was Performed On A Single Pane, 3mm (1/8inch) Clear Glass, In Compliance With ISO9050. JIS A5759, KS L 2514 Standard.