

WINDOW FILM PERFORMANCE DATA | Architectural: Asia Pacific



Protective Window Film

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorbance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter U-value	Shading Coefficient	% Ultraviolet Ray Protection (wavelengths 280-380nm)	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Rejected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass	83	8	9	90	8	8	1.03	1.00	29	0.84	0.86	14	1.05	0	0	0

Safety-and-Security	Safety-and-Security products are durable films available in a variety of clear, neutral, and reflective offerings with a range of solar control options. Clear films can be applied over tinted glass to improve aesthetics, solar performance and glare. These thicker films meet the most stringent standards for burglary resistance, blast mitigation, windborne debris, and basic safety glazing.															
SCL SR PS2 (Clear)	81	9	10	89	10	10	1.03	0.97	95	0.84	0.84	16	1.06	3	0	1
SCL SR PS4 (Clear)	81	9	10	89	10	10	1.03	0.97	95	0.84	0.84	16	1.06	3	0	1
SCL SR PS6 (Clear)	79	9	12	88	10	10	1.03	0.94	99	0.84	0.82	18	1.07	6	0	2
SCL SR PS7 (Clear)	81	9	10	88	10	10	1.03	0.96	95	0.84	0.84	16	1.05	4	0	2
SCL SR PS8 (Clear)	78	9	13	88	11	11	1.03	0.94	99	0.84	0.82	18	1.07	6	0	2
SCL SR PS11 (Clear)	78	9	13	85	11	11	1.03	0.93	99	0.84	0.81	19	1.05	7	0	6
SCL SR PS15 (Clear)	76	10	14	83	11	11	1.03	0.92	99	0.84	0.8	20	1.04	8	0	8
R-20 SR PS4 (Silver)	12	54	34	16	62	62	0.94	0.25	99	0.71	0.21	79	0.76	75	9	82
R-20 SR PS8 (Silver)	12	54	34	16	62	62	0.94	0.25	99	0.71	0.21	79	0.76	75	9	82
N-1020 SR PS4 (Neutral)	21	26	53	24	29	28	1.03	0.44	99	0.84	0.37	63	0.65	56	0	73
N-1020 SR PS8 (Neutral)	21	26	53	24	29	28	1.03	0.44	99	0.84	0.37	63	0.65	56	0	73
N-1040 SR PS4 (Neutral)	36	16	48	40	18	15	1	0.59	99	0.84	0.5	50	0.8	41	3	56
N-1040 SR PS8 (Neutral)	36	16	48	40	18	15	1	0.59	99	0.84	0.5	50	0.8	41	3	56
N-1050 SR PS4 (Neutral)	44	13	43	49	14	12	1.03	0.67	99	0.84	0.58	42	0.84	33	0	46
N-1050 SR PS8 (Neutral)	44	13	43	49	14	12	1.03	0.67	99	0.84	0.58	42	0.84	33	0	46
NUV-65 SR PS4 (Neutral)	63	9	28	70	11	10	1.02	0.71	99.9	0.84	0.71	29	0.99	18	1	22

Exterior Clear Safety Exterior Series products are applied to the exterior face of the glazing and provide excellent heat rejection performance.

SCL-89 CL ER PS4 (Exterior Clear)																
SHE-89 ER PS7 (Exterior Clear)	81	9	10	89	10	10	1.03	0.96	99	0.84	0.84	16	1.05	4	0	2
SHE-89 ER PS4 (Exterior Clear)	81	9	10	89	10	10	1.03	0.97	99	0.84	0.84	16	1.06	3	0	1

Graffiti Graffiti Series films are optically clear, enhanced with ultraviolet inhibiting agents that shield up to 95% of UV rays, and are made to resist common graffiti, chemicals, paints, and tools, and are made with special adhesives for ease of removal and replacement.

GCL SR PS4 (Clear)	81	9	10	89	10	10	1.02	0.97	95	0.84	0.84	16	1.06	3	1	1
GCL SR PS6 (Clear)	79	8	13	89	10	10	1.02	0.95	99	0.84	0.83	17	1.07	5	1	1