

WINDOW FILM PERFORMANCE DATA | Architectural: North America



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 300-380nm)	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 stringent standards for burglary resistance, blast mitigation, windborne debris, and basic safety glazing.															
SCL SR PS2 (Clear)	83	8	9	89	9	9	1.07	0.99	94	0.90	0.86	14	1.03	0	-3	1
SCL SR PS4 (Clear)	82	8	10	90	9	9	1.07	0.98	99	0.90	0.85	15	1.06	1	-3	0
SCL SR PS7 (Clear)	82	8	10	89	9	9	1.07	0.97	99	0.90	0.85	15	1.05	1	-3	1
SCL SR PS8 (Clear)	81	9	10	89	10	10	1.07	0.97	99	0.90	0.84	16	1.06	2	-3	1
SCL SR PS13 (Clear)	80	9	11	88	10	10	1.06	0.96	99	0.90	0.83	17	1.06	3	-2	2
R20 SR PS4 (Silver)	11	55	34	15	60	64	1.02	0.24	>99	0.80	0.21	79	0.71	76	2	83
R20 SR PS8 (Silver)	11	59	30	15	64	64	1.06	0.24	>99	0.87	0.20	80	0.75	77	-2	83
N1020 SR PS4 (Neutral)	23	22	55	24	26	27	1.06	0.47	>99	0.88	0.41	59	0.59	52	-2	73
N1020 SR PS8 (Neutral)	23	22	55	24	26	27	1.06	0.47	>99	0.88	0.41	59	0.59	52	-2	73
N1040 SR PS4 (Neutral)	38	14	48	39	16	17	1.06	0.61	>99	0.90	0.53	47	0.74	38	-2	57
N1040 SR PS8 (Neutral)	38	14	48	39	16	17	1.06	0.61	>99	0.90	0.53	47	0.74	38	-2	57
N1050 SR PS4 (Neutral)	48	10	42	49	11	14	1.07	0.70	>99	0.90	0.61	39	0.80	29	-3	46
N1050 SR PS8 (Neutral)	48	10	42	49	11	14	1.07	0.70	>99	0.90	0.61	39	0.80	29	-3	46
NUV65 SR PS4 (Neutral)	64	9	27	69	10	9	1.07	0.83	>99	0.90	0.72	28	0.96	16	-3	23

Anti-Graffiti	Anti-Graffiti Series films are optically clear, enhanced with ultraviolet inhibiting agents that shield up to 99% of UV rays, and are made to help resist common graffiti, chemicals, paints, and tools, and are made with special adhesives for ease of removal and replacement.															
GCL SR RPS4 (Clear)	82	9	9	89	9	10	1.07	0.97	97	0.90	0.85	15	1.05	1	-3	1
GCL SR RPS6 (Clear)	81	9	10	89	10	10	1.07	0.97	99	0.90	0.84	16	1.06	2	-3	1