

## Solar Series

### Window Film Performance Data





#### Legacy™

**leg•a•cy** | leg'ə'sē | a tradition that exists as a result of history

Type	% TOTAL SOLAR Reflectance	% TOTAL SOLAR Absorptance	% TOTAL SOLAR Transmittance	% VISIBLE LIGHT Transmittance	% VISIBLE LIGHT Refl (int)	% VISIBLE LIGHT Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
40	17%	51%	32%	45%	12%	13%	52%	0.53	0.44	56%	
50	13%	47%	40%	51%	10%	12%	43%	0.61	0.51	49%	
60	7%	40%	53%	66%	8%	8%	28%	0.74	0.62	38%	




#### Nature™

**na•ture** | nā'chər | an untouched realm for living things; the basics of life; purity

Type	% TOTAL SOLAR Reflectance	% TOTAL SOLAR Absorptance	% TOTAL SOLAR Transmittance	% VISIBLE LIGHT Transmittance	% VISIBLE LIGHT Refl (int)	% VISIBLE LIGHT Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
10	37%	55%	8%	9%	42%	43%	89%	0.29	0.25	75%	
20	23%	55%	22%	24%	25%	28%	73%	0.44	0.35	65%	
30	23%	51%	26%	30%	20%	25%	65%	0.45	0.39	61%	
40	16%	46%	38%	43%	14%	17%	51%	0.58	0.50	50%	
50	13%	43%	44%	49%	12%	14%	46%	0.67	0.60	40%	





#### Daydream™

**day•dream** | dā'drēm' | enjoying pleasant visions while awake

Type	% TOTAL SOLAR Reflectance	% TOTAL SOLAR Absorptance	% TOTAL SOLAR Transmittance	% VISIBLE LIGHT Transmittance	% VISIBLE LIGHT Refl (int)	% VISIBLE LIGHT Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
5	53%	36%	11%	6%	11%	50%	92%	0.24	0.20	80%	
15	38%	44%	18%	17%	13%	37%	81%	0.24	0.29	71%	
25	32%	43%	25%	28%	18%	31%	68%	0.35	0.36	64%	
35	20%	45%	35%	38%	12%	18%	57%	0.47	0.48	52%	

#### Sky™

**sky** | skī | the celestial regions; the unlimited; an expanded view

Type	% TOTAL SOLAR Reflectance	% TOTAL SOLAR Absorptance	% TOTAL SOLAR Transmittance	% VISIBLE LIGHT Transmittance	% VISIBLE LIGHT Refl (int)	% VISIBLE LIGHT Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
10	51%	40%	9%	8%	13%	54%	91%	0.23	0.17	83%	
20	34%	44%	22%	23%	16%	33%	74%	0.39	0.30	70%	
30	35%	41%	24%	30%	26%	34%	66%	0.40	0.35	65%	
40	22%	42%	36%	37%	21%	28%	52%	0.54	0.45	55%	

#### Illusion™

**il•lu•sion** | i-lōō'zhən | an image perceived in a way different from the way it is in reality

Type	% TOTAL SOLAR Reflectance	% TOTAL SOLAR Absorptance	% TOTAL SOLAR Transmittance	% VISIBLE LIGHT Transmittance	% VISIBLE LIGHT Refl (int)	% VISIBLE LIGHT Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
7	52%	40%	8%	7%	13%	54%	92%	0.23	0.15	85%	

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#### Reflection™

**re•flec•tion** | rĭ-flĕk'shən | a mirrored image; a surface bouncing off light, heat or images

Type	% Reflectance	% TOTAL SOLAR Absorptance	% SOLAR Transmittance	% VISIBLE LIGHT Transmittance	Refl (int)	Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
20	60%	30%	10%	14%	64%	64%	84%	0.21	0.16	84%	
35	39%	36%	25%	33%	41%	42%	63%	0.40	0.35	65%	
50	29%	35%	36%	48%	26%	28%	47%	0.54	0.45	55%	



#### Moonlight™

**moon•light** | mōōn'lih't' | the subtle light that assists the night

Type	% Reflectance	% TOTAL SOLAR Absorptance	% SOLAR Transmittance	% VISIBLE LIGHT Transmittance	Refl (int)	Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
5	25%	61%	14%	6%	7%	13%	93%	0.35	0.30	70%	
10	21%	59%	20%	10%	13%	12%	89%	0.41	0.36	64%	
25	23%	50%	27%	24%	17%	12%	73%	0.46	0.40	60%	


#### Horizon™

**ho•ri•zon** | hə-rī'zən | the point where land or sea meets sky; looking forward to the future

Type	% Reflectance	% TOTAL SOLAR Absorptance	% SOLAR Transmittance	% VISIBLE LIGHT Transmittance	Refl (int)	Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
20	48%	41%	11%	18%	39%	35%	80%	0.25	0.20	80%	
35	36%	41%	23%	33%	27%	23%	63%	0.39	0.34	66%	

#### Firewall™

**fire•wall** | fir'wōl | a protective measure used as a shield or barrier

Type	% Reflectance	% TOTAL SOLAR Absorptance	% SOLAR Transmittance	% VISIBLE LIGHT Transmittance	Refl (int)	Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
70	8%	42%	50%	68%	9%	8%	24%	0.70	0.61	39%	
FLR45	35%	32%	33%	43%	9%	8%	53%	0.48	0.39	61%	
FLR75	37%	17%	46%	75%	10%	10%	18%	0.59	0.49	51%	

Window Film Performance Data

**Protection Series**

Type	% Reflectance	TOTAL % Absorptance	SOLAR % Transmittance	% Transmittance	VISIBLE % Refl (int)	LIGHT % Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
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**Safety™**

**safe•ty** | sāf'tē | a preventive measure; protection from harm; kept safe

**Clear**

4 mil	9%	10%	81%	89%	10%	10%	1%	0.97	0.84	16%
7 mil	9%	12%	79%	88%	10%	10%	2%	0.94	0.82	18%
11 mil	9%	13%	78%	85%	11%	11%	6%	0.93	0.81	19%

**Nature 8 mil**

20	23%	55%	22%	24%	25%	28%	73%	0.44	0.38	62%
40	16%	46%	38%	43%	14%	17%	51%	0.58	0.50	50%

**Silver 8 mil**

20	60%	30%	10%	14%	64%	64%	84%	0.21	0.18	82%
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**Anti-Graffiti™**

**an•ti•graf•fi•ti** | ăn'tī-grə-fē'tē | opposed to the marked or painted defacement of property

4 mil	9%	10%	81%	89%	10%	10%	1%	0.97	0.84	16%
6 mil	8%	13%	79%	89%	10%	10%	1%	0.95	0.83	17%
7 mil	9%	12%	79%	88%	10%	10%	2%	0.94	0.82	18%

**Design Series**

Window Film Performance Data

Type	% Reflectance	TOTAL % Absorptance	SOLAR % Transmittance	% Transmittance	VISIBLE % Refl (int)	LIGHT % Refl (ext)	% Glare Reduction	Shading Coefficient	Solar Heat Gain Coefficient	% Total Solar Energy Rejection	NFRC Certified
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**White Frost**

20%	11%	69%	75%	25%	22%	17%	0.84	0.73	27%
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**White Out**

66%	16%	18%	14%	84%	87%	84%	0.25	0.23	77%
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**Black Out**

11%	89%	0%	0%	13%	8%	100%	0.34	0.29	71%
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**UV Clear**

9%	10%	81%	89%	9%	9%	1%	0.97	0.84	16%
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**Removable White Frost**

20%	11%	69%	75%	25%	22%	17%	0.84	0.73	27%
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**Removable Black Out**

11%	89%	0%	0%	13%	8%	100%	0.34	0.29	71%
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