



## Prestige Spectra Photosync™ Adaptive Window Film

Window Film

Technical Data

### General Description

Spectra Photosync™ is the most advanced window film created by Prestige Film Technologies. Spectra Photosync™ utilizes the latest in our Solar Adaptive Coating (SAC), which allows the film to adjust its nano-properties based on solar intensity. Once SAC is activated, the film will achieve higher Infrared Rejection and Total Solar Energy Rejection performance. Similar to all of Prestige's high performance luxury window films, Photosync™ contains a zero metals composition which will not interfere with modern technology found in cars today, such as GPS, cellular signals, radio frequencies, or keyless entry signals. PhotoSync™ comes in the following series: SPH75, SPH65, SPH55, SPH45, & SPH35.

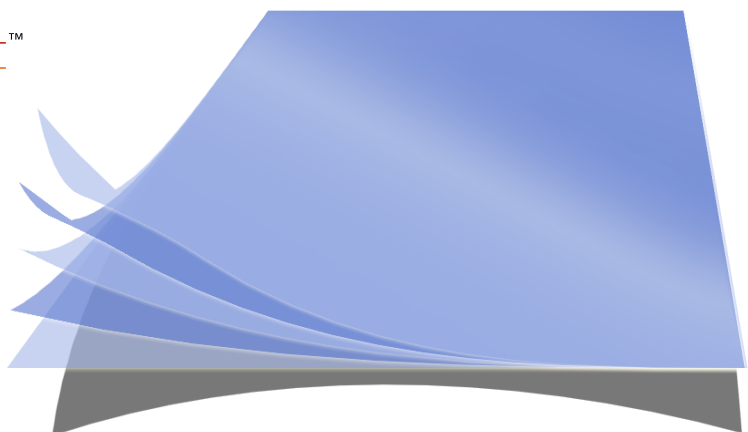
### General Warranty

Prestige Spectra Photosync™ comes with a non-transferable Lifetime Warranty from material defects in manufacturing, bubbling from adhesive failure, purpling, and cracking from UV exposure. This Warranty does not imply coverage for improper application, misuse, physical impact, exposure to abrasives, polishes, solvents, corrosive chemicals, or general wear. Warranty is 1) valid for only the original registered owner, 2) non-transferable, and 3) begins from the original date of purchase.

### Film Construction



SR Coating \_\_\_\_\_  
Nano IR Coating \_\_\_\_\_  
SAC Coating \_\_\_\_\_  
P.E.T. Urethane \_\_\_\_\_  
Pressure Sensitive Adhesive \_\_\_\_\_  
Release Liner \_\_\_\_\_



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\*\*Prestige Film Technologies are continuously improving our products and reserve the right to make alterations to specifications without notice.

\*\*\*Prestige Film Technologies has strict requirements in becoming a Spectra Dealer. Only Authorized Spectra Dealers are allowed to carry and install PhotoSync™. Consumers wishing to verify a tint facility's Certificate, please send any inquiries to [sales@prestige-films.com](mailto:sales@prestige-films.com).

## Specification

Properties	SPH35	SPH45	SPH55	SPH65	SPH75
Visible Light Transmitted (VLT)	32%	44%	55%	66%	75%
Visible Light Transmitted (VLT) after SAC Activation	29%	38%	48%	58%	72%
Visible Light Reflected	7%	9%	10%	10%	10.3%
Visible Light Reflected after SAC Activation	6.8%	8.5%	9.4%	9.4%	9.8%
U.V. Rejection	99.5%	99.5%	99.5%	99.5%	99.5%
SHGC	0.24 - 0.21	0.34 - 0.29	0.38 - 0.33	0.43 - 0.36	0.44 - 0.42
SC	0.28 - 0.24	0.39 - 0.33	0.44 - 0.38	0.49 - 0.41	0.51 - 0.48
IRR	89%	93%	90%	89%	84%
IRR after SAC Activation	95%	94%	98.5%	98.5%	87%
Glare Reduction	62%	52%	40%	30%	20%
Total Solar Energy Rejected	75%	66%	62%	57%	56%
Total Solar Energy Rejected after SAC Activation	79%	71%	67%	64%	58%
Size(s) Available	1524mm, 1016mm, 914.4mm, 508mm x 30m (60", 40", 36", 20" x 100')				
Film Thickness	50.8 microns				
Color Characteristic	Light Blue				
Installation Type	Heat (Dry) Shrink / Wet Application				

\*Due to the unique properties of our Solar Adaptive Coating, conventional method of measuring SHGC and SC can only be provided within a range.

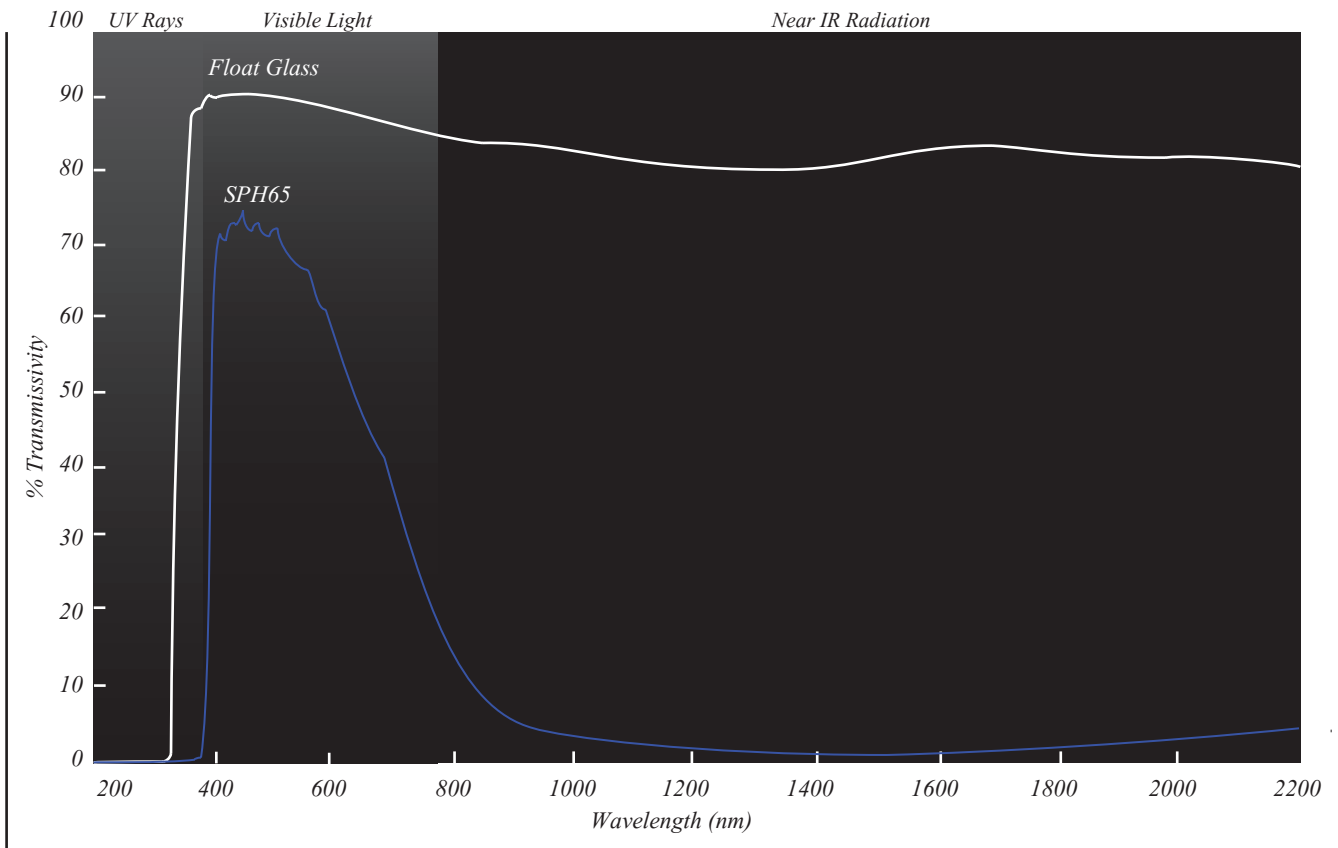
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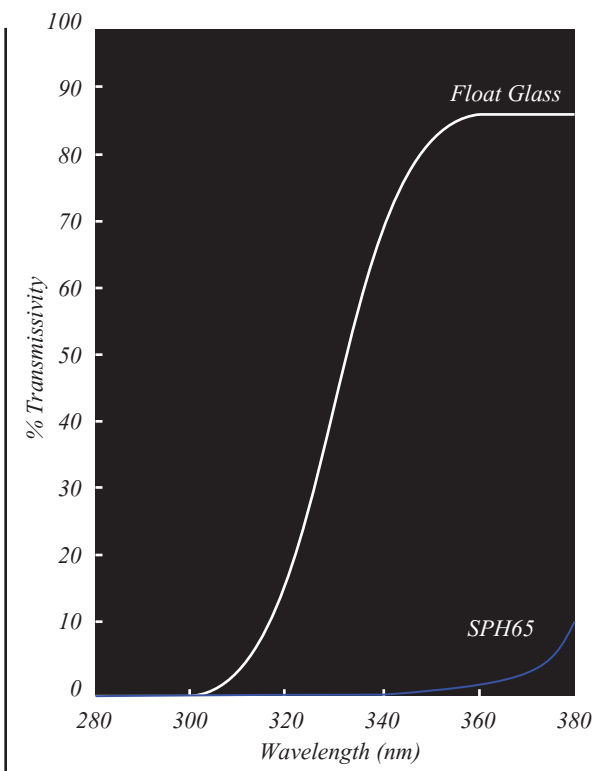
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### Solar Spectrum Chart



### UV Radiation Rejection Chart



SPH65 rejects more than 99% of UV radiation.  
Measurement Range: 280-380 nm  
3mm float glass with SPH65.

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