

## SPECTRA Photosync®

The most advanced technology in window film comes in our line of PhotoSync® Solar Adaptive Automotive Window Films. Utilizing the latest technology in our Solar Adaptive Coating (SAC), this series of window film's heat rejecting performance improves when exposure to solar radiation intensifies. The uniqueness of PhotoSync® lies in the integration of two key technologies:

### 1. Solar Adaptive Coating

This coating will adjust itself once certain wavelengths of solar spectrum are exposed to the film. This will trigger an immediate adjustment of the coating's heat rejecting properties, which results in Total Solar Energy Rejection up to 79%.

### 2. Infrared Rays (IR) Rejection Coating

The solar spectrum consists of 3 main properties: Ultraviolet, Visible Light, and Infrared. PhotoSync® IR and SAC integration creates an unsurpassed hybrid technology that accounts for up to 98.5% of infrared rejection. The technological advances of Prestige's coatings allow for high performance without the use of any metallics, which means no interference of wireless transmission signals (e.g. GPS, cell-signals, AM / FM, keyless entry systems, satellite, etc.)

### UV Protection

PhotoSync®, also rejects 99.5% of ultraviolet rays, which means decreased fading of interior components as well as protecting occupants' skin from this harmful radiation.

Vehicle in Image installed with SPH 65%.



	SPH35	SPH45	SPH55	SPH65	SPH75
Total Solar Energy Rejected	75%	66%	62%	57%	56%
Total Solar Energy Rejected after SAC activation	79%	71%	67%	64%	58%
IR Rejection	89%	93%	90%	89%	84%
Max IR Rejection after SAC activation	95%	94%	98.5%	98.5%	87%
VLT (Visible Light Transmitted)	32%	44%	55%	66%	75%
VLT after SAC activation	29%	38%	48%	58%	72%
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
Glare Reduction	62%	52%	40%	30%	20%
*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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\*\*\*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).



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[www.Prestige-Films.com](http://www.Prestige-Films.com)

## FREQUENTLY ASKED QUESTIONS

### What shades are available for PhotoSync®?

PhotoSync® comes in the following series: SPH75, SPH65, SPH55, SPH45, and SPH35. (Please check our website for updates on new shades and new products available)

### How does PhotoSync® differ from ceramic tint?

PhotoSync® utilizes our proprietary nano-coating, termed Solar Adaptive Coating (SAC), that self-adjusts its heat rejecting properties based on solar intensity, which results in infrared rejection of up to 98.5%. There is no other window film in the world that does this.

### What is infrared?

The solar spectrum consists of visible light (VL), infrared (IR), and ultraviolet rays (UV). IR accounts for slightly more than 53% of this spectrum, with 3% going to UV and 44% for VL. PhotoSync® will reject up to 98.5% of IR compared to most window films' rating of only 20%-39%. Even for popular ceramic tints, they would only reject 65%-80% of IR depending on the shade and brand. This is far below the IR ratings of PhotoSync®.

### Will my tint scratch over time?

All of our window films are coated with a durable scratch resistant coating. However, there are certain vehicles on the market that have plastic moldings, which can scratch any tint. TintGard is a high grade liner that is to be applied to these vehicle moldings to ensure long-lasting enjoyment of PhotoSync®. Inquire with your dealer if this product is needed for your vehicle.\*TintGuard is sold separately.

### What is the film's warranty?

Spectra PhotoSync® comes with a Limited Lifetime Warranty from fading, peeling, bubbling, and purpling.

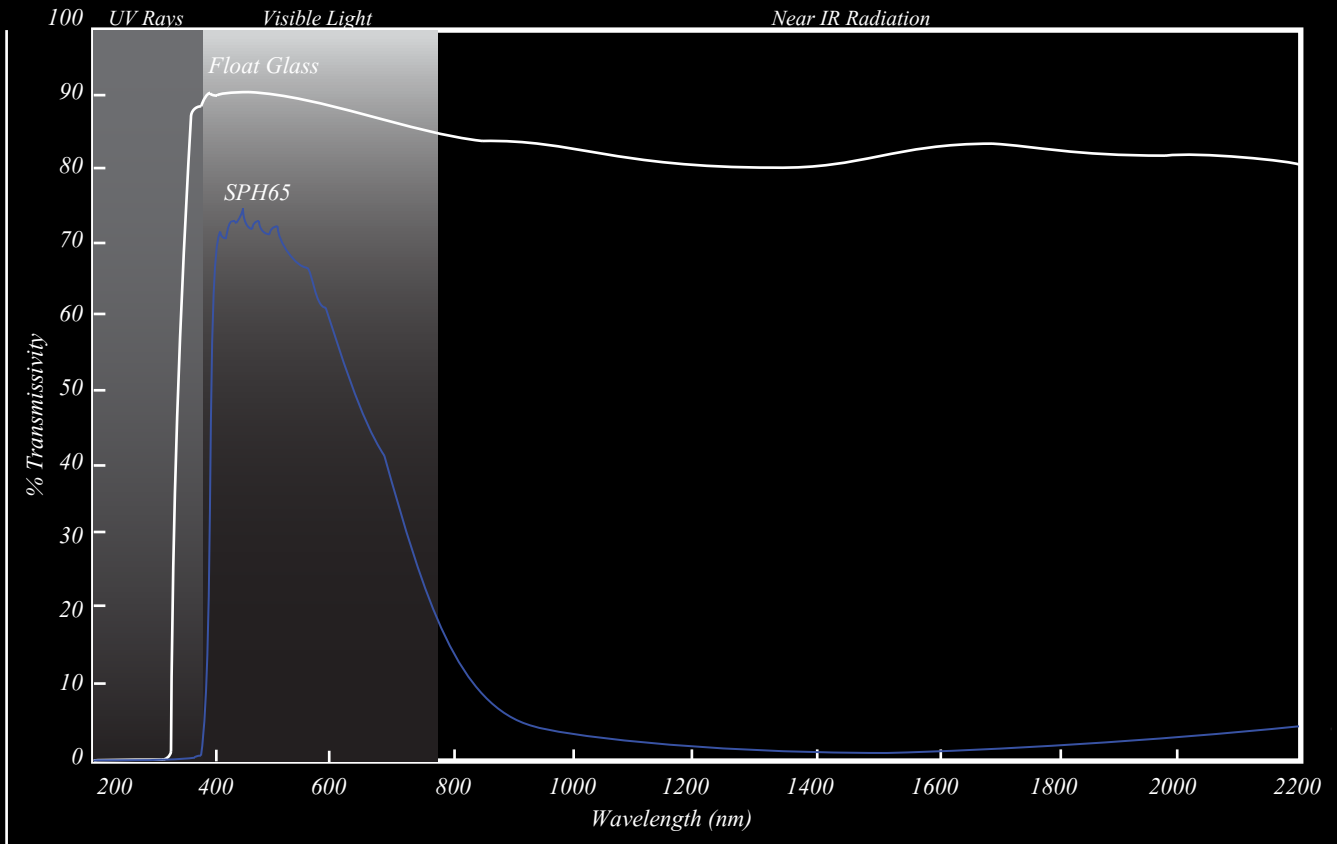




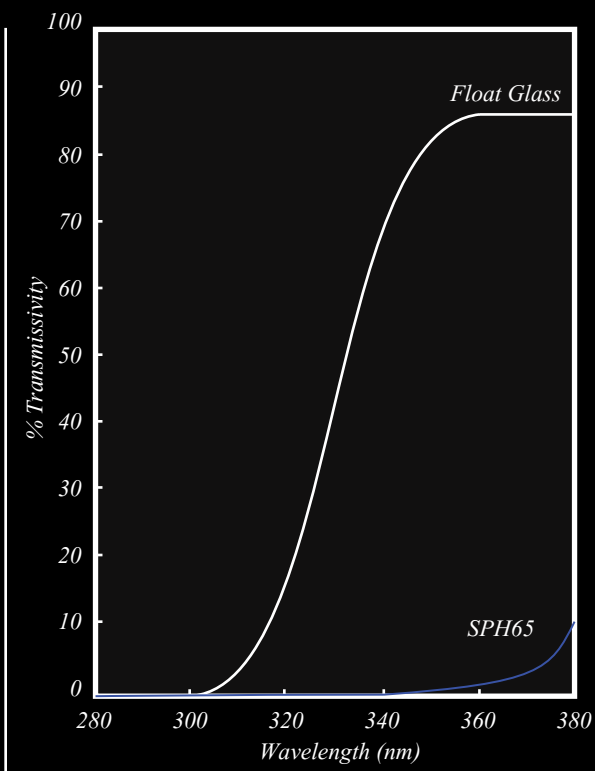
Company: Prestige Film Technologies  
Film Series: Spectra Photosync®  
Product ID: SPH65

Instrument Name: Jasco Spectrophotometer  
Model Name: V-670  
Measurement Range: 2200-200 nm

### 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.