



Prestige Spectra Photosync™ Adaptive Window Film

Window Film

Technical Data

General Description

Spectra Photosync™ is the most advanced high end window film created by Prestige. Photosync™ utilizes the latest in our Solar Adaptive Coating (SAC), so the film can adjust its shade/VLT by up to 11%, based on solar intensity. Once activated to its full potential, the Solar Adaptive and IR Coatings will achieve IR rejection of up to 98.5%, for an unmatched performance in heat rejection. Similar to all of Prestige's high end luxury window film, 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 shades of 75%, 65%, 55%, 45%, and 35% VLT.

General Warranty

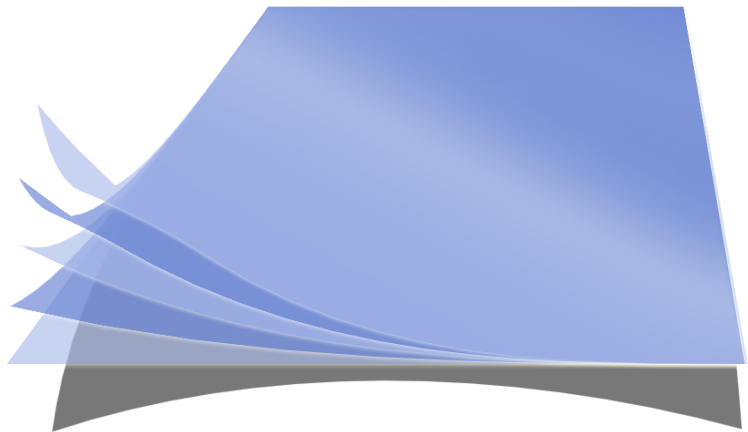
Prestige Spectra Photosync™ comes with a non-transferable Lifetime Warranty from material defects in manufacturing, bubbling from adhesive failure, purpling, and cracking from UV exposure. This Warranty does not imply coverage for improper application, misuse, physical impact, exposure to abrasives, 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



Spectra Photosync™

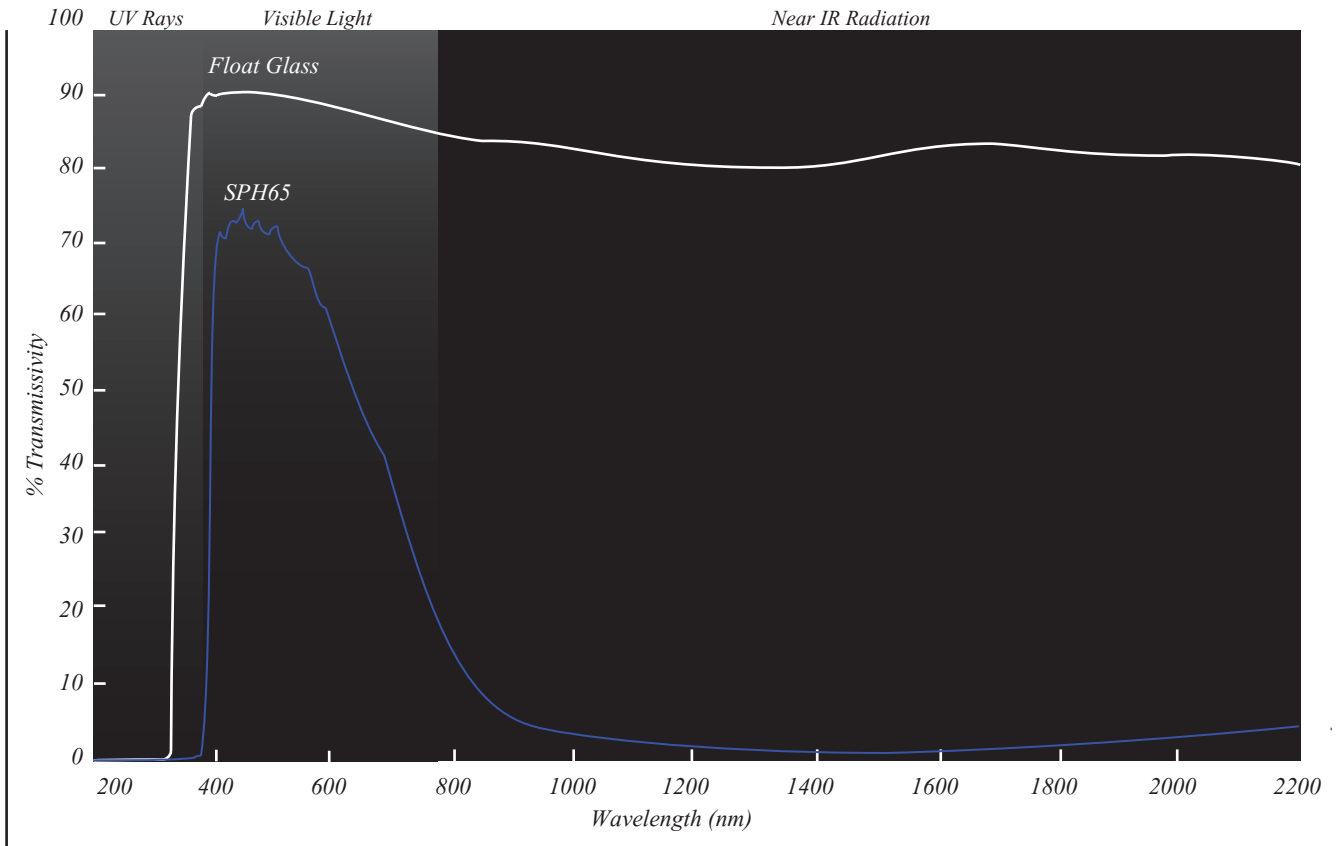
- SR Coating _____
- Nano IR Coating _____
- SAC Coating _____
- P.E.T. Urethane _____
- Pressure Sensitive Adhesive _____
- Release Liner _____



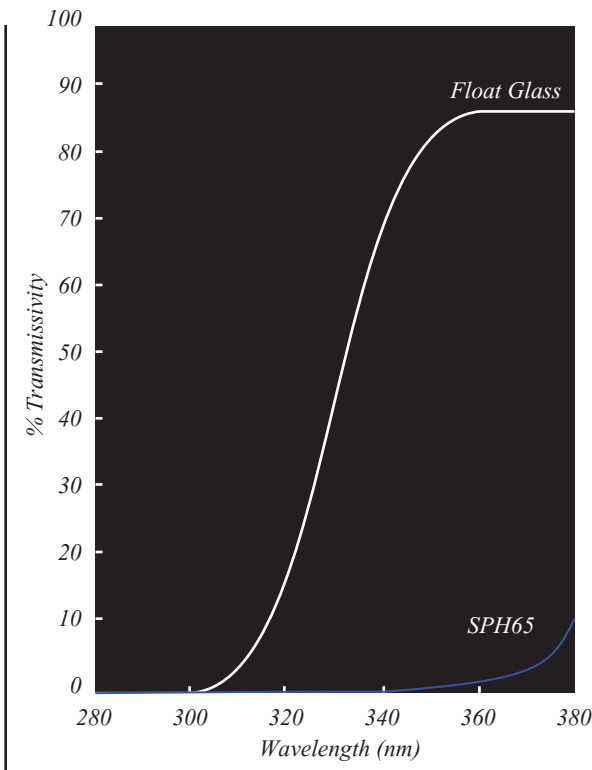
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**Prestige Film Technologies are continuously improving our products and reserve the right to make alterations to specifications without notice.

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.

Specification

Properties	SPH 35	SPH45	SPH55	SPH65	SPH75
Visible Light Transmitted (VLT)	33.5%	45%	55%	64%	75.6%
Visible Light Transmitted (VLT) after SAC Activation	30%	35%	45%	54%	70%
Visible Light Reflected	8%	8%	8%	8.5%	8.8%
Visible Light Reflected after SAC Activation	7.5%	7.5%	7.5%	8%	8.3%
U.V. Rejection	99.5%	99.5%	99.5%	99.5%	99.5%
SHGC	0.41	0.30	0.31	0.57	0.50
Total Solar Energy Rejected	75%	60%	59.3%	57.9%	53.5%
Total Solar Energy Rejected after SAC Activation	79%	64.9%	64%	63.8%	61.3%
IR Rejection	89%	87.5%	88.5%	87%	80%
Max IR Rejection after SAC Activation	92%	97.5%	98.5%	98.5%	88%
Size(s) Available	1524mm x 30mm, 914.4mm x 30mm, 508mm x 30m (60",36",20" x 100')				
Film Thickness	50.8 microns				
Color Characteristic	Light Blue				
Installation Type	Heat (Dry) Shrink / Wet Application				

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