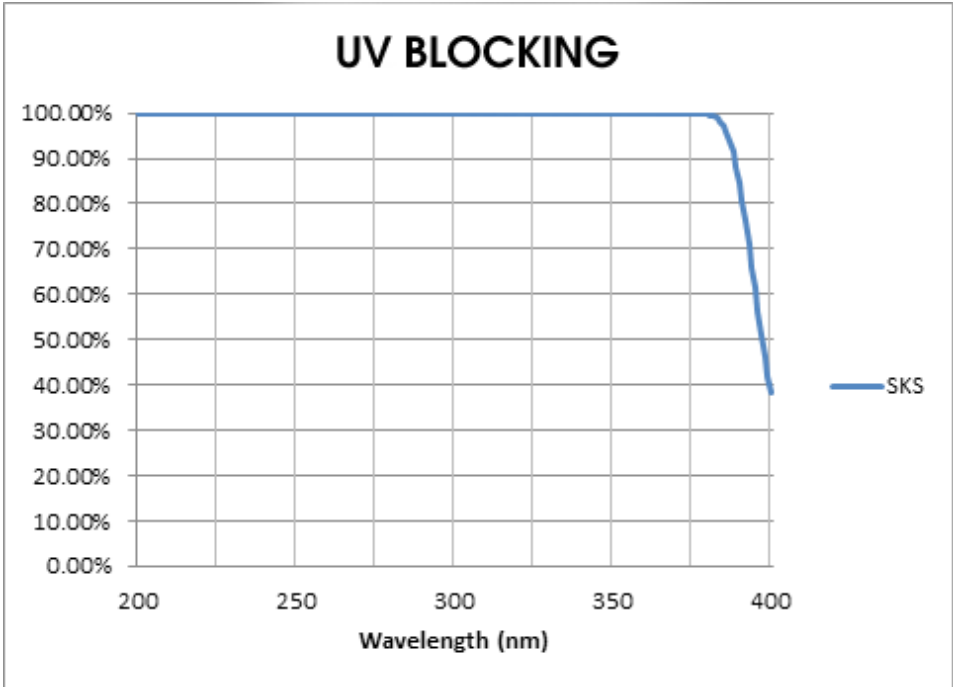


Skunk Protection Factor (SPF 2000)

SPF 2000 is a high performance, organic glass coating that combines translucent aesthetics with extreme ultraviolet light control. The coating itself is a water-based emulsion with very low VOC and is thermo-cured. It requires a relatively low curing temperature not achieved by many other coatings. The end result is a clear coating that blocks nearly all UV light. This technology is highly versatile and has many potential applications available.



Durability: Demonstrates excellent resistance to mild acids, alkalis, alcohol, water, abrasion and scratches.

Curing: The surface temperature of the glass substrate must reach 400° Fahrenheit for a full cure.

Inline Production – Please note that precise curing temperature required will vary depending on production processes and proper testing must be done in order to establish an exact specification.

Post-Production - Please note that each heating sources' thermal capabilities will vary and proper curing temperatures must be evaluated by the surface temperature of the glass rather than by the heating devices' temperature.

Clean up: Flushing with soap and water, isopropyl alcohol or mild cleaning agent is usually all that is necessary to clean equipment.

Requirements: Substrate surface must be clean. Like any high quality surface coating, the cleanliness of the substrate is extremely critical for adhesion to take place. Dirt, dust, oil and the presence of other coatings on glass substrate can cause surface defects or performance problems. Please note that each heating sources' thermal capabilities will vary and proper curing temperatures must be evaluated by the surface temperature of the substrate.

Methods of Application: Spray-applied

| TECHNICAL SPECIFICATION | REFERENCE STANDARD | RANGE | RESULT OR CONCLUSION |
|---|-------------------------------|---|--|
| Coating Thickness | ASTM B568: X-Ray Spectrometry | NA | Range: 2.0 to 125.0 microns Range: .08 to 10.0 mil (25.4 micron = 1.0 mil) |
| Gloss (60 degrees) | ASTM D523 | NA | Range: 45 to 130 gloss units |
| Artificial Exposure to Xenonarc Daylight Filter | ASTM G155 | @ 765 W/m ² , 300 nm to 800 nm, 6.5 days | Passed |
| Lens Coating Hardness | MIL-F-48616 | NA | 200+ Alcohol Rubs |
| Coating Durability | MIL-C-48497A | NA | 200+ Alcohol Rubs |
| Pencil Hardness Test | ASTM D3363 | NA | 4H to 6H |
| Adhesion Test | ASTM D3359 | NA | Passed |
| Abrasion Test | ASTM D4060 | NA | Passed |
| Chemical Durability Test | ASTM D1308 | NA | Passed |
| Salt Spray Resistance (Fog) | ASTM B117 | NA | Passed |
| QUV Accelerated Weathering | ASTM F883 | NA | Passed |



12315 ROBIN BLVD. | HOUSTON, TX 77045

Office: 877.533.8005

Fax: 713.433.2900

E-mail: engineering@skspolytech.com

www.skspolytech.com