



UV FILTER FILM



HanitaTek
Window Films

UV FILTER FILM

BLOCKS HARMFUL UVA & UVB RADIATION

Although invisible, ultraviolet or UV radiation is the single most damaging spectrum of the solar electromagnetic field. Overexposure harms both skin and eyes, and it's one of the major causes of fading of fabrics, pictures and upholstery. And since plain glass filters only about 30% of UV light, both we, and our belongings, are vulnerable to its damaging effects even when indoors.

SolarZone's™ UV Filter Film, a window film constructed from thin layers of polyester impregnated with special chemicals, absorbs 99.8% of UV light. When installed on the interior of windows, doors, skylights and showcases, UV Filter Film provides one of the highest levels of protection from UV radiation available in window film today, with little perceptible reduction in visible light.

TYPICAL APPLICATIONS FOR SOLARZONE UV FILTER FILM

- Home and vehicle protection for photosensitive individuals, to whom UV exposure causes or aggravates medical conditions
- Gallery, museum or commercial displays of valuable, aged or fragile artwork, relics, documents or goods
- Residential, commercial or automotive applications when high UV protection is required, with no perceptible change in visible light

SOLARZONE UV FILTER FILM: THE ULTIMATE PROTECTION

- Blocks 99.8% of UVA and UVB radiation
- Slows fading and deterioration of art, fabrics, upholstery and wood
- Excellent protection from UV damage to skin and eyes
- Specifically for museum use—exceeds requirements of Thompson Specification
- Optically clear for distortion-free viewing
- Suitable for residential, commercial, retail and automotive applications
- Wipe-clean scratch-resistant coating for easy upkeep



S O L A R Z O N E

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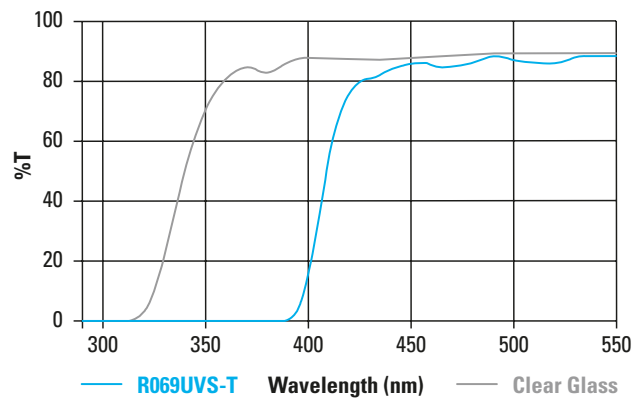
SOLARZONE™

| Optical & Solar Properties | UV Filter Film |
|-------------------------------------|----------------|
| Visible Light Transmitted | 87% |
| Visible Light Reflected | 10% |
| UV Radiation Rejected | 99.8% |
| Total Solar Energy Reflected | 10% |
| Total Solar Energy Transmitted | 78% |
| Total Solar Energy Absorbed | 12% |
| Shading Coefficient | 0.93 |
| Total Solar Energy Rejected | 19% |

All solar performance data is based on film being applied to the inside of 1/4 inch clear monolithic annealed glass. All data reported has been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. The data is subject to variations within accepted industry standards.

SolarZone UV Filter Film Performance

| | |
|----------------------------------|-------------|
| UV Transmission at 320 nm | 0% |
| UV Transmission at 380 nm | 0.6% |
| Total UV Block at 300-380 nm | 99.8% |



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