



# 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

# UV Filter Film

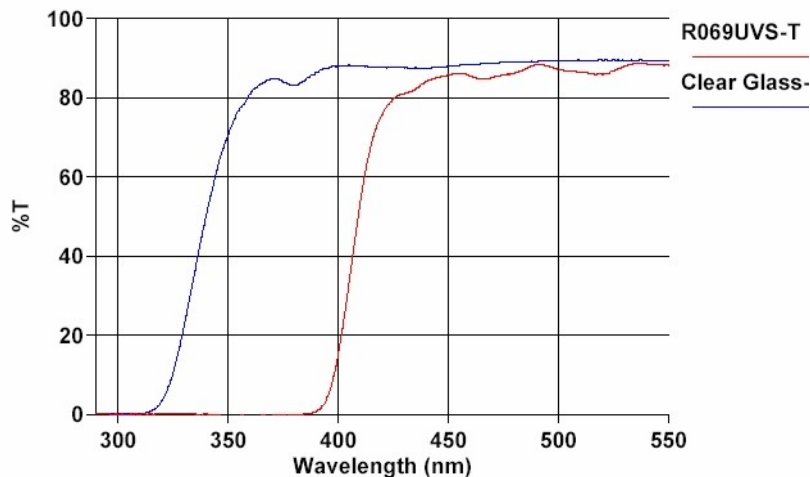
Blocks harmful UVA and UVB radiation

## Optical and Solar Properties:

## UV Filter Film

Visible Light Transmitted	87%
Visible Light Reflected, interior	11%
Visible Light Reflected, exterior	11%
UV Block	99.9%
Total Solar Energy Reflected	9%
Total Solar Energy Transmitted	79%
Total Solar Energy Absorbed	12%
Glare Reduction	3%
Shading Coefficient	0.95
Solar Heat Gain Coefficient	0.82
Winter U Value	1.05
Emissivity	0.86
Total Solar Energy Rejected	18%
Item number	R069UVS

## Hanita UV Filter Film Performance



UV transmission at 320 nm = 0%  
 UV transmission at 380 nm = 0.6%  
 Total UV block at 300-380 nm = 99.9%

*Performance results are calculated on 3mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.*

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