

# UV Filter Film

Blocks harmful UVA and UVB radiation



WindowFilms

## Solar Zone UV Filter Film

Although invisible, Ultraviolet or UV radiation is the 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. Even when indoors, we, and our belongings, are vulnerable to the damaging effects of UV radiation, since plain glass filters only about 30% of UV light.

Hanita'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 Solar Zone UV Filter Film

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

## UV Filter Film:

- **Blocks 99.8% of UVA and UVB radiation**
- **Slows fading and deterioration of works 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 application**
- **Wipe-clean scratch-resistant coating for easy upkeep**



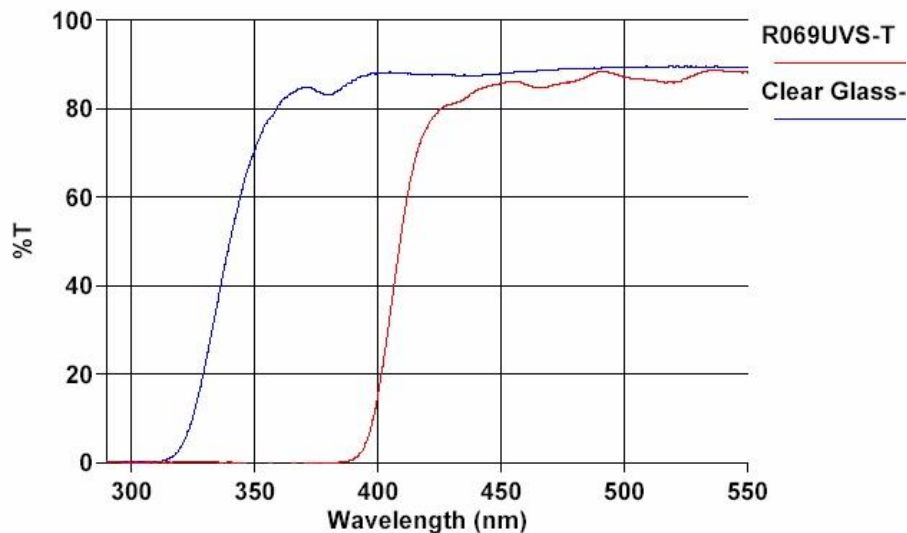
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and UVB radiation

Optical and Solar Properties:	UV Filter Film
Visible Light Transmitted	87%
Visible Light Reflected	10%
Ultra Violet Block	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%

## 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 = 99.8%

Performance results were generated from testing of this film applied on 1/4" (6mm) clear annealed glass, and have been measured, calculated and reported in accordance with ASTM, ASHRAE and AIMCAL standards. Performance results are subject to variations in process conditions within industry standards

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