

DuPont™ SentryGlas®
INTERLAYER

**Blockage of Ultra-violet Radiation Using Glass Laminates
Made with DuPont™ SentryGlas® Interlayer**

When a window transmits ultraviolet (UV) rays from the sun or fluorescent sources, damage to interior fabrics, furnishings and artworks can occur. Laminated glass with the SentryGlas® interlayer screens substantially all UV radiation, thus protecting interiors from these damaging rays. However, the SentryGlas® interlayer does not adversely affect the visible light which is essential to photosynthesis and plant growth.

Protection from Damaging UV Rays

Laminates prepared with SentryGlas® can decrease the amount of damage to interior fabrics that can occur when UV rays filter through a window or glass structure.

UV Transmission

Laminated architectural glass made with the SentryGlas® interlayer effectively filters ultraviolet radiation up to 99.9% at wavelengths below 380 nm. Figure 1 shows the UV transmission values obtained when tested per the ISO 9050 and ISO 13837 standards. Figure 2 shows the UV transmission of monolithic float glass compared to a glass laminate prepared with SentryGlas®.

**See Solar Energy Control Technical Bulletin
for more information.**

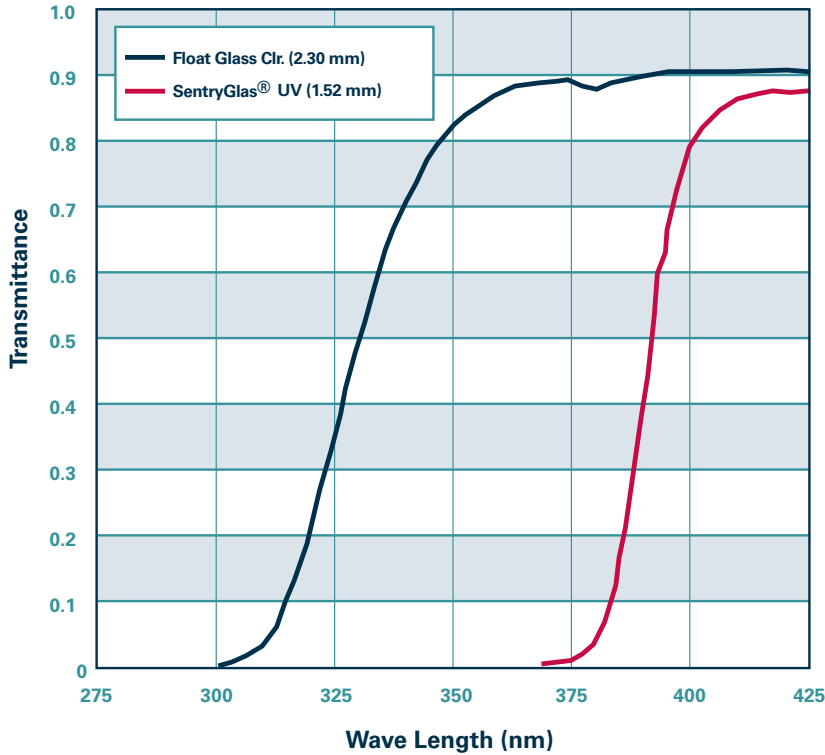


SentryGlas®

Technical Specifications: Figure 1

Sample	% Transmission	
	ISO 9050	ISO 13837
SentryGlas®	0.17	0.26
Clear Float Glass	68.42	71.29

Technical Specifications: Figure 2



Worldwide DuPont Sales and Support

DuPont Glass Laminating Solutions supplies and supports customers from research, manufacturing and sales locations worldwide.

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