



SAFETY & SECURITY FILM

300 Micron – Clear

SA-300CL-iSR

Opalux® safety and security window films are designed to make glass safer, both by strengthening it against breakage and helping hold dangerous shards of shattered glass in situations where breakage does occur.

Thicker multi-laminate safety & security film is used by government agencies as well as many commercial organisations concerned to address the real corporate risk of bomb blast, or industrial explosion at or near their premises where a thicker film is deemed appropriate for higher risk areas. This film is also ideal for use as part of an anti-intruder scheme. Opalux® safety and security window films are suitable for use in many applications in the workplace and home. Other benefits can include improved security by creating a deterrent to “smash-and-grab” crime, and providing protection against the vandalism of glass through graffiti such as the etching or scratching of glass. Also, when used in conjunction with edge-retention profiles enhanced security and blast protection can be achieved.

FEATURES

- High optical clarity
- Quick, retro-fit installation
- Scratch-resistant
- Screening of harmful UV rays

BENEFITS

- Clear, non-tinted appearance on glass
- Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
- Suitable for most non-abrasive window-cleaning methods
- Reduced fading of interior furnishings

PERFORMANCE DATA SA-300CL-iSR

SOLAR ENERGY	Transmitted	75%
	Reflected	11%
	Absorbed	14%
VISIBLE LIGHT	Transmitted	86%
	Reflected (Interior)	10%
	Reflected (Exterior)	10%
UV Rejection		98%
Glare Reduction		2%
Shading Coefficient		0.89
Solar Heat Gain Coefficient (G-Value)		0.77
U-Value (W/m²K)		6.07
Total Solar Energy Rejected		23%
Product Warranty		10 years

PHYSICAL PROPERTIES

Description	Clear
Film Thickness	300-Microns (12-thou)
Structure	Multi Laminate
Tensile Strength	28,500 PSI
Break Strength	325 Pounds per Inch (width)
Adhesive Type	Acrylic Pressure Sensitive
Peel Strength	6 to 7 Pounds per Inch

NOTES

Test results are produced from film applied to 3mm clear single glass. Performance data is subject to change without prior notice. It is the users’ responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct, indirect or consequential loss or damage howsoever arising.

SPECIFICATION

The safety and security window film is to be Opalux® SA-300CL-iSR, as manufactured by Opalux® (www.opaluxwindowfilms.com). The film is to be installed to the interior surface of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer’s warranty procedure.