



TECHNICAL DATA SHEET

SAFETY AND SECURITY FILM

10300 SERIES EXTERNAL ANTI-SHATTER 100 MICRON FILM

InterLace 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.

Tested and certified to EN 12600 Class 2B2, 10300 Series External Anti-Shatter 100 Micron Film is used as a minimum specification for safety film and can be used by organisations to address Regulation 14 of the Workplace (Health, Safety and Welfare) Regulations 1992 by upgrading low-level glazing where necessary for reasons of health and safety. The external 100-micron film is typically used where the outer panel of a double glazed unit needs upgrading or where access to the inner panel is not possible. InterLace 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" and forced entry crime, and providing protection against the vandalism of glass through graffiti such as the etching or scratching of glass.

FEATURES

- High optical clarity
- Quick, retro-fit installation
- Exterior grade with a scratch-resistant coating
- 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



For specifications and drawings please visit our website www.interlaceblinds.com

INTERLACE WARRANTY

Safety and security films are covered against defective manufacturing for 12 months from the date of installation. This warranty does not cover misuse, damage caused after installation, or vandalism.

InterLace liability is limited to the replacement of defective products like for like only. InterLace is committed to a program of continuous product improvement.

Please be advised that specifications, performance, appearance, and dimensions of InterLace products are subject to change without notice. InterLace reserves the right to the final decision in the event of any warranty claim.

PERFORMANCE DATA

SOLAR ENERGY	Transmitted	74%
	Reflected	10%
	Absorbed	16%
VISIBLE LIGHT	Transmitted	87%
	Reflected (Interior)	10%
	Reflected (Exterior)	10%
UV Rejection	99%	
Glare Reduction	1%	
Shading Coefficient	0.93	
Solar Heat Gain Coefficient (G-Value)	0.81	
U-Value (W/m ² K)	5.92	
Total Solar Energy Rejected	19%	
Product Warranty*	12 months vertical. Up to 12 months sloping.	

*Some warranty periods are reduced or negated as the angle of the sloped glazing lowers towards the horizontal-orientation.

PHYSICAL PROPERTIES

Description	Clear
Film thickness	100-Microns (4-thou)
Structure	Single Ply Laminate
Tensile Strength	25,000 PSI
Break Strength	100 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. Accurate selection of window film requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the InterLace product warranty form for the full terms and conditions of the InterLace limited warranty. 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 window film is to be installed to the exterior side of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer's warranty procedure. Exterior films must be correctly silicone edge sealed.

