



# SOLAR CONTROL FILM

## Non-reflective Grey/Black Tinted – Exterior Grade SO-10NRG-eSR

Opalux® non-reflective grey/black tinted exterior grade film offers excellent alleviation of solar glare problems, and is also ideally suited for creating one-way privacy effects particularly when a low external reflection is preferred.

Opalux® non-reflective grey/black tinted exterior grade film offers excellent solar shading properties and is of particular use in alleviating severe solar glare problems. It can also provide additional benefits such as daytime one-way privacy, a uniform outside appearance, winter heating savings, and as with most Opalux® Films up to 99% ultraviolet light (UV) filtering. It also helps alleviate the discomfort caused by excessive solar heat gain and glaring reflections off computer and display screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations. This Film is designed for exterior application, and, in daytime, lends the glass a grey/black tinted outside appearance, whilst from the inside the visual effect, much less noticeable, is a light tint.

### FEATURES

- Excellent solar glare reduction
- Exterior grade with a scratch-resistant coating
- Tinted non-metallised film
- One-way privacy effect
- Helps reduce solar heat gain
- Screening of harmful UV rays

### BENEFITS

- Alleviate the discomfort caused by excessive glare
- Provides the option for solar control still to be provided where an internal installation is deemed not possible or not advisable
- Ideal for installations where a low external reflection is desired
- Helps avoid the "Fishbowl" effect of glazing and increase security by hindering vision into a property
- Can contribute to a reduced carbon footprint and alleviate the discomfort of excessive solar heat gain.
- Helps reduce the premature fading of interior furnishings

PERFORMANCE DATA		SO-10NRG-eSR
SOLAR ENERGY	Transmitted	53%
	Reflected	6%
	Absorbed	41%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	5%
	Reflected (Exterior)	4%
UV Rejection		99%
Glare Reduction		91%
Shading Coefficient		0.75
Solar Heat Gain Coefficient (G-Value)		0.65
U-Value (W/m²K)		6.05
Total Solar Energy Rejected		35%
Product Warranty*		7 years vertical Up to 4 years sloping**

### NOTES

These test results were produced from film as applied to 3mm clear single glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the Opalux® Product Warranty Form for the full terms and conditions of the Opalux® exclusive 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 solar control window film is to be Opalux® SO-10NRG-eSR, as manufactured by Opalux® ([www.opaluxwindowfilms.com](http://www.opaluxwindowfilms.com)). The film is to be installed to the exterior surface of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer's warranty procedure. Exterior grade films must be correctly silicone edge sealed.

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

\*\* No warranty is offered for horizontal glazing.