



# SOLAR CONTROL FILM

## Reflective – Silver 35

### SO-35RS-iSR

**Opalux® Reflective Silver 35 solar control film offers good heat rejection for internally applied films, and is of particular use in combating solar heat gains and glare problems.**

Opalux® Reflective Silver 35 solar control film can also provide additional benefits such as uniform outside appearance, winter heating savings, and as with most Opalux® films up to 99% ultraviolet light (UV) filtering. (For specialist UV filtering in museums etc, see Specialist UV Control Film). This film helps to reduce cooling costs and therefore Climate Change Levy liability by lightening the load on air conditioning equipment. Government and business organisations can use Opalux® solar control window films as an integral part of seeking to comply with the CRC Energy Efficiency Scheme and The Carbon Trust policies. It also helps to alleviate the discomfort caused by excessive heat and by glaring reflections off computer screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations. The film is applied internally and, in daytime, lends the glass a silver reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

### FEATURES

- Good solar heat and glare rejection
- Cuts energy use for cooling
- Reflective daytime appearance
- Quick, retro-fit installation
- Scratch-resistant
- Screening of harmful UV rays

### BENEFITS

- Alleviate the discomfort caused by severe heat and glare
- Reducing energy tax liability and contributes to a reduced carbon footprint
- Increased daytime privacy from outside looking in
- 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

SO-35RS-iSR

SOLAR ENERGY	Transmitted	28%
	Reflected	43%
	Absorbed	29%
VISIBLE LIGHT	Transmitted	38%
	Reflected (Interior)	38%
	Reflected (Exterior)	34%
UV Rejection		99%
Glare Reduction		57%
Shading Coefficient		0.48
Solar Heat Gain Coefficient (G-Value)		0.42
U-Value (W/m²K)		5.6
Total Solar Energy Rejected		61%
Product Warranty		10 years

### 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 films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. 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-35RS-iSR, as manufactured by Opalux® ([www.opaluxwindowfilms.com](http://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.

An exterior grade version is available.  
Refer to code: SO-35RS-eSR