

# Solar Control Film

## Reflective - Silver



**Opalux® silver reflective solar control films offer maximum heat rejection for internally applied films, and are of particular use in combating severe solar heat gains and glare problems.**



Opalux® silver reflective solar control films can also provide additional benefits such as daytime one-way privacy, 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).

seeking to comply with the Carbon Reduction Commitment scheme and The Carbon Trust policies.

They also help 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.

These films help 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

The films are applied internally and, in daytime, lend the glass a silver reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

Features	Benefits
<b>Excellent solar heat and glare rejection</b>	Alleviate the discomfort caused by excessive heat and glare
<b>Cuts energy use for cooling</b>	Reducing energy tax liability and contributes to a reduced carbon footprint
<b>Reflective daytime appearance</b>	Increased daytime privacy from outside looking in
<b>Quick, retro-fit installation</b>	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
<b>Scratch-resistant</b>	Suitable for most non-abrasive window-cleaning methods
<b>Screening of harmful UV rays</b>	Reduced fading of interior furnishings

The product performance will differ depending on the specific film type used.

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### Silver 20

Internal

Code: SO-20RS-iSR

Performance Data	
<b>Total Solar Energy</b>	
Transmitted	13%
Reflected	52%
Absorbed	35%
<b>Visible Light</b>	
Transmitted	16%
Reflected	55%
Ultra-Violet Rejected	<99%
Shading Coefficient	0.26
Total Solar Energy Rejected	78%

An exterior grade version is also available, code: SO-20RS-eSR

#### Specification:

The solar control window film is to be Opalux® **SO-20RS-iSR**, as manufactured by Opalux®. 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.

(When specifying another solar control film from this range, please change the **highlighted** words as appropriate. For exterior grade film also insert, **exterior grade films must be correctly edge sealed**).

### Silver 35

Internal

Code: SO-35RS-iSR

Performance Data	
<b>Total Solar Energy</b>	
Transmitted	21%
Reflected	42%
Absorbed	37%
<b>Visible Light</b>	
Transmitted	30%
Reflected	42%
Ultra-Violet Rejected	<99%
Shading Coefficient	0.35
Total Solar Energy Rejected	69%

An exterior grade version is also available, code: SO-35RS-eSR

#### Notes:

Test results are produced from film applied to clear 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 or consequential loss howsoever arising.

### Silver 50

Internal

Code: SO-50RS-iSR

Performance Data	
<b>Total Solar Energy</b>	
Transmitted	33%
Reflected	30%
Absorbed	37%
<b>Visible Light</b>	
Transmitted	47%
Reflected	26%
Ultra-Violet Rejected	<99%
Shading Coefficient	0.50
Total Solar Energy Rejected	54%