

# 3M™ Sun Control Film Neutral 35 Exterior

## Description

3M™ Sun Control Film Neutral 35 Exterior is designed for use on the exterior surface of windows. Unlike other sun control solutions, this film reflects the sun's rays while allowing optical clarity to be maintained. The even distribution of the sun's rays effectively reduces the effect of glare. The film also significantly reduces the amount of UVA rays which are the main cause of fading.

3M Sun Control Films significantly reduce the effect of the sun's heat and create the balanced environment of the building. Especially in summer months they help to reduce the workload on air conditioning systems and can save on the cost of energy!

3M Sun Control Films – an elegant way to use light and heat. An additional benefit can be that during daylight hours, a one way vision can be created allowing people to clearly see out while making it more difficult for unwanted prying eyes to see in.

3M™ Sun Control film Neutral 35 Exterior requires an edge sealing on all four sides of window. Recommended Edge sealant is 3M Marine 3200.

## Features (on 6 mm clear glass)

Total solar energy reduction:	59 %
G-value	0.41
Reduction of Glare:	59 %
Reduction of UV rays:	99 %

## Structure of the film:

Thickness:	0,050 mm/ 50 µ
Colour:	Neutral
Material of the film:	Polyester
Adhesive:	Special Acrylic
Top coating:	Scratch resistant hard coat

## Installation

3M Window films are installed using water and a soap solution. Full adhesion is reached after approximately 20 days at 18°C (in dry conditions).

## Cleaning

3M Window films may be cleaned 30 days after installation using ordinary window cleaning agents and avoiding the use of abrasive particles. Do not use rough sponges, cloths or brushes. Synthetic sponges, soft wipes or rubber squeegee cleaners are recommended. Do not clean 3M films dry.

Glass type	Film Type	SC	VLR Ext. %	VLR Int. %	VLT %	Emissivity	u-value	g-value	TSER
<b>Single Pane</b>									
Clear	No Film	0.94	8 %	8 %	88 %	0.84	1.06	0.82	18 %
	Neutral 35 Ext.	0.47	22 %	12 %	35 %	0.82	1.01	0.41	59 %
Tinted	No Film	0.69	5 %	5 %	50 %	0.84	1.06	0.60	40 %
	Neutral 35 Ext.	0.47	22 %	8 %	8 %	0.82	1.02	0.49	59 %
<b>Double Pane</b>									
Clear	No Film	0.81	14 %	14 %	78 %	0.84	0.50	0.70	30 %
	Neutral 35 Ext.	0.33	22 %	12 %	78 %	0.82	0.47	0.29	71 %
Tinted	No Film	0.55	8 %	8 %	45 %	0.84	0.50	0.48	52 %
	Neutral 35 Ext.	0.33	22 %	8 %	15 %	0.82	0.47	0.29	71 %

## General notes:

All technical data is based on a combination of relevant European test methods and/or US test methods.. Before using this product the customer / applicator must ensure the product is suitable to be used for the intended purpose. If there is any uncertainty, please check with your local 3M Window Film specialist. All issues regarding warranty and liability for the product and the effect of its use are governed in accordance with the provisions of the appropriate contract of sale unless local laws dictate otherwise.



Renewable energy Division  
Window Films  
[www.3M.com/windowfilms](http://www.3M.com/windowfilms)

Your local Window Film Dealer:



# 3M™ Sun Control Film

## Neutral 35 Exterior

- Excellent solution to reduce solar heat gain keeping you cooler in the summer months.
- Reduces air conditioning costs.
- Reduces glare and discomfort.
- Helps preserve the appearance of furniture and fabrics.
- Has an abrasion resistant surface to maintain a good appearance for longer.
- Easy to remove without adhesive residues.