3M ™ Sun Control Film Amber 35

Description

3M™ Sun Control Film Amber 35 is designed for use on the inside surface of windows. Unlike other sun control solutions, this film reflects the sun's rays while allowing optical clarity to be maintained. Even distribution of the sun's rays effectively reduces the effect of dazzle. Additionally the film significantly reduces the amount of UVA and UVB rays which are the main cause of fading.

3M Sun Control Films significantly reduce heat gain and help create a balanced environment within a building. Especially in summer months, they help to reduce the workload of air conditioners and save expensive energy costs!

3M Sun Control Films – an elegant way to use light and heat. Special advantages of these films include their high transparency and light transmission. Also, depending on lighting conditions, the room and its occupants are protected from prying eyes looking in.

Features (on 6 mm clear glass)

Total solar energy rejected:	75 %
G-value:	0.25
Glare reduction:	67 %
UV rays blocked:	99 %
Emissivity:	0.55

Film properties:

Thickness:	0.038 mm / 38 µm
Colour:	Amber
Material :	Polyester
Adhesive:	Pressure sensitive acrylic
Top coating:	Scratch resistant hard coat

Installation

3M Window films are installed using a water and 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.

Glass type	Film Type	Shading Coefficient	Visible Reflection Exterior	Visible Reflection Interior	Visible Light Transmission	U-value	G-value	TSER
Single Pane								
Clear	No Film	0.94	8 %	9%	89 %	1.03	0.82	18 %
	Amber 35	**0.29**	**54 %**	**60%**	**30 %**	**0.85**	**0.25**	**75 %**
Tinted	No Film	0.72	13 %	9%	53 %	1.03	0.63	37 %
	Amber 35	**0.31**	**22 %**	**60%**	**17 %**	**0.85**	**0.27**	**73 %**
Double Pane								
Clear	No Film	0.80	15 %	15%	79 %	0.47	0.70	30 %
	Amber 35	**0.37**	**53 %**	**61%**	**28 %**	**0.42**	**0.32**	**68 %**
Tinted	No Film	0.58	8 %	13%	47 %	0.47	0.51	49 %
	Amber 35	**0.30**	**22 %**	**61%**	**16 %**	**0.42**	**0.26**	**74 %**

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

Your local Window Film Dealer:

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3M ™ Sun Control Film

Amber 35

- Excellent solution to reduce solar heat gain keeping you cooler in the summer months.
- Reduces air conditioning costs.
- Reduces glare and eye discomfort.
- Extends the life and vibrancy of fabrics in furniture and carpets.
- Reduces the risk of injury from flying glass.

window films made by 3M

3M