3M ™ Sun Control Window Film Prestige 70

Description

3M™ Prestige Series Window Films

With 3M Prestige Series Window Films, you can enjoy the benefits of a world-class window film while leaving the beauty of your windows virtually unchanged. Because 3M Prestige Series Window Films use no metals, they are not susceptible to corrosion in coastal environments and do not interfere with wireless connections.

Other window films that reject heat tend to have high reflectivity, but not Prestige Series Window Films. They offer reflectivity that is actually lower than glass. A final key technical feature of the Prestige line of products is that they were designed to perform best when the sun is high, at the hottest parts of the day, so when the sun is working hardest our films are rejecting most heat!

3M Sun Control Film Prestige 70 is a multi layer, metal free film made using a nanotechnology. It has a unique high visual light transmission for a film that has exceptionally high heat gain reduction capabilities. The film also reduces the amount of UVA and UVB rays which are the main cause of fading. The patented multi layer construction and manufacturing process, guarantees a high quality and an even longer warranty and life expectancy compared to other film solutions.

Features (on 6 mm clear glass)

Total solar energy rejected:	50 %
TSER measured in 60° angle	59 %
IR – rejection	97 %
G-value	0.50
Glare reduction:	22 %
UV blocked:	99.9 %

Film properties

Thickness:	0,062 mm / 62µm
Colour:	Virtually Clear
Material:	Co-extruded PET/co PMMA
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 8 -10 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	Heat Gain Reduction	G-value	TSER
Single Pane								
Clear	No Film	0.94	8 %	9 %	89 %	NA	0.82	18 %
	PR 70	**0.58**	**9 %**	**7 %**	**69 %**	**38**	**0.50**	**50 %**
Tinted	No Film	0.72	13 %	9 %	53 %	NA	0.63	37 %
	PR 70	**0.50**	**6 %**	**9 %**	**42 %**	**31**	**0.43**	**57 %**
Clear	No Film	0.80	15 %	15 %	79 %	NA	0.70	30 %
	PR 70	**0.64**	**15 %**	**13 %**	**62 %**	**21**	**0.56**	**44 %**
Tinted	No Film	0.58	8 %	13 %	47 %	NA	0.51	49 %
	PR 70	**0.48**	**12 %**	**12 %**	**37 %**	**20**	**0.42**	**58 %**

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.

3M

Renewable energy Division
Window Films

Your local Window Film Dealer:

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3M ™ Sun Control Window Film

Prestige 70

- Clear , non reflective appearance maintains the original look of the building
- 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 in furniture and carpet fabrics.
- Reduces the risk of injury from flying glass.

window films made by 3M

3M