

3M™ Sun Control Film Silver 20

Description

3M™ Sun Control Film Silver 20 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. Besides, the film significantly reduces the amount of UVA rays which are the main reason of discolouration.

3M Sun Control Films significantly reduce heat and create the balanced environment of the premises. Especially in summer months they help to reduce the workload of air conditioners and save expenses for energy!

3M Sun Control Films are an elegant way to use light and heat. Also special advantages of the films are retained: their transparency and light transmission. Simultaneously, depending on the lighting, the room is protected from curious looks from outside.

These strong flexible polyester films also help to protect from injuries caused by uncontrolled fragments of broken glass

Features (on 6 mm clear glass)

Total solar energy reduction:	77 %
G-value:	0.23
Reduction of Glare:	78 %
Reduction of UV rays:	99 %

Structure of the film

Thickness:	0,025 mm / 25µ
Colour:	Silver
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 %	VLT %	Emissivity	u-value	g-value	TSER
Single Pane								
Clear	No Film	0.94	8 %	88 %	0.84	1.06	0.82	18 %
	Silver 20	0.26	58 %	19 %	0.65	0.95	0.23	77 %
Tinted	No Film	0.69	5 %	50 %	0.84	1.06	0.60	40 %
	Silver 20	0.30	20 %	10 %	0.65	0.95	0.26	74 %
Double Pane								
Clear	No Film	0.81	14 %	78 %	0.84	0.50	0.70	30 %
	Silver 20	0.34	55 %	17 %	0.65	0.47	0.30	70 %
Tinted	No Film	0.55	8 %	45 %	0.84	0.50	0.48	52 %
	Silver 20	0.28	20 %	9 %	0.65	0.47	0.24	76 %

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:



3M™ Sun Control Window Film

Silver 20

- 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.