



3M™ Sun Control Window Film Silver 15 Plastic

- Metalised heat gain reduction technology
- Keeps occupants cool and comfortable
- Reduces heating and cooling costs
- Abrasion resistant surface to maintain good appearance longer
- Extends the life and vibrancy in furniture, fittings and fabrics
- Protects plastic surface materials from weathering damage

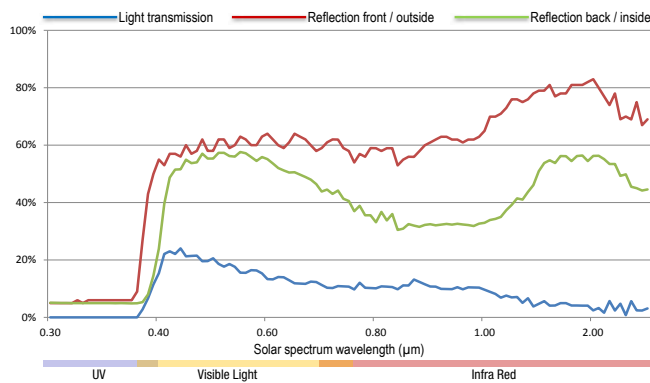
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Description

3M Sun Control Window Films are an elegant way to manage light and heat. 3M technology can significantly reduce heat gain and create a comfortable environment, especially in warmer months, as well as helping to reduce the workload of air conditioners and save energy costs. 3M Window Films also reduce glare and block almost the entire amount of UVA and UVB rays which are the main cause of fading and skin damage.

3M's Silver 15 Plastic is suitable for some polycarbonate (PC) and acrylic (PMMA) glazing used in buildings. The film is designed for use on the external surface. It's metalised technology reflects the sun's rays while allowing optical clarity to be maintained and rejects excess light to reduce glare. Also, depending on lighting conditions, rooms are protected against prying eyes from looking in.

Solar Performance and light transmission



Features (on clear polycarbonate)

Total Solar Energy Rejected	82%
Glare reduction	81%
UV rays blocked	99%

Film properties

Thickness	0.050mm / 50µm
Colour	Silver
Material	Polyester
Adhesive	Pressure sensitive acrylic
Top coating	Scratch resistant hard coat

Installation

Exterior 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). Edge sealing is required, 3M recommended 3M™ Marine Sealant 3200. As there is a wide variety of plastic substrate used for plastic glazing, the substrate should be tested prior to application. Silver 15 Plastic is easy to remove without adhesive residues.

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.

Film Type on Clear PC	Visible Light Transmission	Visible Reflection Exterior	G-value (Solar Heat Gain Coefficient)	Total Solar Energy Rejected
No film	83%	11%	0.85	15%
Silver 15 Plastic	14%	65%	0.17	83%

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