

3M™ FX ST Sun Control Window Films

Product Description

3M™ FX ST Sun Control Films are non metalized, dyed polyester films. These are easy to maintain films that won't interfere with mobile phone, GPS and satellite radio reception. Additionally, the films block almost the entire amount of UVA and UVB rays which are the main cause of fading. FX ST rejects up to 45% of the total solar energy coming through your windows, providing a "cool effect" in more ways than one.

Application

3M™ FX ST Sun Control Films are intended for use on the inside surface of automobile windows.

Key Benefits

- Protect children and rear seat passengers from uncomfortable heat and glare
- Superior UV protection providing a total Sun Protection Factor (SPF) of over 1000
- Reduce the workload on air conditioners, thereby reducing fuel consumption
- Significant reduces glare from blinding sunlight
- Increased privacy within the car potentially reducing the risk of break in and theft

Physical Properties

Thickness FX ST 20, 35	0,035 mm / 35µm
Thickness FX ST 5;	0,045mm / 45µm
Colour:	Black, slightly tinted
Material of the film:	Polyester
Adhesive:	Permanent, pressure sensitive acrylic
Top coating:	Abrasion resistant hard coat

Available Sizes

All FX ST films are available in the following dimensions;

508mm x 30,5m
914mm x 30,5m
1524mm x 30,5m

Shelf Life

To ensure the longest shelf life possible be sure to store the film according to the guidelines given in each box. Recommended storage conditions for all films are 21°C and 40 – 50 % relative humidity. Films should be kept in the original packaging and not exposed to heat, light or relative humidity above 50%. When stored according to these recommendations, a shelf life of at least 5 years can be expected.

Cleaning

3M Window films may be cleaned 14 days after installation using ordinary automotive 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.

Solar Properties

	Visible Light Transmitted	Visible Light Reflected	Total Solar Energy Rejected	Heat Gain Reduction	UV Rejection	Glare Reduction
Clear Glass (6mm)	89%	8%	19%	NA	38%	NA
FX ST 5	4%	5%	46%	33%	99%	95%
FX ST 20	23%	5%	40%	26%	99%	74%
FX ST 35	33%	5%	37%	22%	99%	53%
FX ST 50	44%	6%	31%	15%	99%	39%

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 and it will fulfil the local law for automotive windows. 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.



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