

Window Protection Films

3M™ Scotchshield™ Glass Protection Film SH4 CLARL

3M™ Scotchshield™ Glass Protection Film SCLARL 400 Ultra

Product Data

April 2005



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Product Description

A range of window protection films primarily designed for internal use. The films are designed to protect windows from surface damage by spray-painting, felt tip pen and other methods by which graffiti is written or scrawled. They can also prevent scratches and gouges from damaging windows. The films not only provide an effective clear protective barrier that is less costly to use than repairing or replacing the substrate, but also increase personal safety.

FAB Table	Features	Advantages	Benefits
	Excellent graffiti & abrasion resistance	Protects window from graffiti, scratching and gouges Less costly than repairing or replacing the substrate	Keeps windows looking good Reduced maintenance costs
	Optically clear	No visual distortion	Clear as normal glass, invisible to customers
	Application & removability	Can be applied quickly by professional applicators Can be removed and replaced with new film	Reduces downtime & potential lost revenue Cost effective protection
	Holds shattered glass in place	Increases personal safety from flying glass Deters smash & grab burglaries	Minimises effects and cost of vandalism Less clear up and downtime costs
	Tear resistance (SCLARL 400 only-26 micro layers)	Makes it more difficult for vandals to puncture the film	Additional hurdle for vandals to overcome
	Reduces fading from UV light	Furniture & fabric have a longer acceptable life	Maintains interior appearance saving costs in refurbishment
	Matched Component System	Strongest warranty in the industry All elements designed for total compatibility	Peace of mind No discrepancy over faulty element of graphics

SH4 CLARL

SCLARL 400

Film Features*	SH4 CLARL	SCLARL 400
Suitable for indoors and outdoors?	Yes	Interior surface only
Typical uses	Window protection against vandalism	Window protection against vandalism
Suitable application surfaces and substrates	Glass	Glass
Suitable for application over compound curves, corrugations or rivets?	Flat surfaces only	Flat surfaces only
Maximum warranty	10 years interior 6 months exterior	10 years interior
Enhanced application features graffiti & scratching	Protection against graffiti & scratching	Protection against graffiti & scratching & is tear resistant
Minimum application temperature	4°C	4°C
Adhesive type	Clear, Permanent, pressure sensitive	Clear, Permanent, pressure sensitive
Can graphics be removed	Yes, with heat	Yes, with heat
Suitable graphic production processes	Electro-cut	Electro-cut

* See relevant technical bulletin for full details. Further information and samples available on request.

Other products of interest:

3M™ Scotchtint™ Colour Stable Panther Film

A low reflectance, non-metallic solar control film that can reduce glare by up to 92%



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Matched Component System

When you specify 3M products you'll know that every component (from the face film, adhesive and liner to the inks/toners and application tape) has been manufactured for total compatibility - the secret to optimum warranted performance.

*For specific durability and warranty information, please refer to 3M Technical, Product, Instruction and Warranty Bulletins.