

**Graffiti Protection Films**

**3M™ Scotchcal™ Graffiti Resistant Film 639**

**Scotchgard™ Graphic & Surface Protection Film 8991**

**Scotchgard™ Graphic & Surface Protection Film 8991RW**

Product Data

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**Scotchprint®**  
Graphics

**3M** Innovation

# 3M™ Scotchcal™ Graffiti Resistant Film 639

## Scotchgard™ Graphic & Surface Protection Film 8991

## Scotchgard™ Graphic & Surface Protection Film 8991RW

### Product Description

A range of graffiti protection films. 639 is designed to protect graphics and surfaces from damage by spray-painting, felt tip pen and other methods by which graffiti is written or scrawled. 8991 also provides resistance to scratches and gouges, as it prevents scratches from damaging the under-surface. Both solutions provide a clear protective barrier that is less costly to use than repairing or replacing the substrate. The films can withstand harsh solvents that are needed to clean the surface and remove the graffiti.

Features	Advantages	Benefits
8991 / 8991R Only Scotchgard™ Brand	Promises to keep things looking good longer and is known for protection and quality	The product will perform & live up to its promise, ensuring peace of mind
High performance against abrasion	Protects graphic & substrate from scratching and gouges Less costly than repairing or replacing the graphic or substrate	Keeps graphics & substrate looking good Cost & time saving
Adhesive Resistant	Resists permanent adhesion of stickers and labels	Makes sticker easier to remove therefore saving time & money
639 & 8991 / 8991R Graffiti protection	Protects graphic & substrate from graffiti No ghosting once the graffiti has been removed 8991/R repels the ink, making it bead on the surface Less costly than repairing or replacing the graphic or substrate	Keeps graphics & substrate looking good Discourages vandals Cost & time saving
Cleanable without aggressive solvents	Graphics and surfaces are easier and safer to clean	Saves time & money
Matched Component System	Strongest warranty in the industry All elements designed for total compatibility	Peace of Mind Less risk of failure No discrepancy over faulty element of graphic

FAB Table

	639	8991	8991RW
Suitable for indoors and outdoors?	Yes	Yes	Yes
Typical uses	Protection of surfaces or graphics from graffiti	Protection of surfaces or graphics from graffiti & scratching	Protection of surfaces or graphics from graffiti & scratching
Suitable application surfaces and substrates	Aluminium, Acrylic Lacquer, Urethane, FRP	Aluminium, Acrylic Lacquer, Urethane, FRP	Aluminium, Acrylic Lacquer, Urethane, FRP, Glass
Suitable for application over compound curves, corrugations or rivets?	Flat surfaces only	Flat surfaces only	Flat surfaces only
Maximum warranty	6 years exterior 8 years interior	6 years exterior 8 years interior	6 years exterior 8 years interior
Enhanced application features	Graffiti Removal	Graffiti, scratch, gouge protection & adhesive resistance	Graffiti, scratch, gouge protection & adhesive resistance
Minimum application temperature	4 °C	10°C	10°C
Adhesive type	Clear, Permanent, Pressure Sensitive	Clear, Permanent, Pressure Sensitive	Clear, Removable, Pressure Sensitive
Can graphics be removed	Yes, with heat & chemicals	Yes, with heat & chemicals	Yes
Suitable graphic production processes	Electro-cut	Electro-cut	Electro-cut

Film Features\*

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



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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.



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