

## **Scotchgard™ Paint Protection Film Pro Series 4.0 Scotchgard™ Paint Protection Film Pro Series 200 Gloss 3M™ Paint Protection Film Series 100 Gloss**

### **Do installation solutions need to be mixed differently to accommodate the new Scotchgard™ Paint Protection Film Pro Series 200 Gloss and 3M™ Paint Protection Film Series 100 Gloss?**

Please follow the new 3M Paint Protection Film [Installation Guidelines](#) to use less baby shampoo or mild detergent soap in your slip solution compared to Scotchgard™ Paint Protection Film Pro Series. Scotchgard™ Paint Protection Film Pro Series 200 and 3M™ Paint Protection Film Series 100 have a firmer adhesive which allows for more working time and repositioning during installation. The optimized adhesive also helps to minimize lift lines and adhesive marks.

### **Can paint protection film installation gel be used with Scotchgard™ Paint Protection Film Pro Series 200 Gloss and 3M™ Paint Protection Film Series 100 Gloss?**

Yes. 3M™ Paint Protection Film Installation Gel can be a good option to make installation work easier and to help get better results.

### **What is the recommended installation temperature for Paint Protection Film?**

It is recommended that ambient installation conditions fall within the 60° – 85°F (16° – 30°C) range. If your environment is outside of this range, then we strongly recommend heating and air conditioning. Hot water in your solutions can help for an easy installation.

### **Is this film self-healing, and can I show a self-healing demo to my customer as I do with other films?**

Scotchgard™ Paint Protection Film Pro Series, Scotchgard™ Paint Protection Film Pro Series 200, and 3M™ Paint Protection Film Series 100 are all self-healing paint protection films to remove minor scratches or marks with heat applied to the film surface. You can use hot water or a heat gun for very quick results to show your customers.

### **What is the best way to handle and store partial remaining rolls of paint protection films?**

It is recommended to hold the top of the core with one hand and firmly pull any slack out of the Paint Protection Film roll. Then tape from the center out to the edges while keeping the roll tight. Watch the [3M PPF Handling and Storage video](#).

### **Has the adhesive changed on Scotchgard™ Paint Protection Film Pro Series 200 Gloss and 3M™ Paint Protection Film Series 100 Gloss, compared to the other 3M or Scotchgard™ Paint Protection Films?**

Yes. Scotchgard™ Paint Protection Film Pro Series 200 and 3M™ Paint Protection Film Series 100 have a new optimized adhesive which is a firmer adhesive that allows for more working time and repositioning during installation. The optimized adhesive also helps to minimize lift lines and adhesive marks.

### **Is there a cap sheet on the Scotchgard™ Paint Protection Film and 3M™ Paint Protection Film products? Why?**

Yes. Scotchgard™ Paint Protection Film Pro Series, Scotchgard™ Paint Protection Film Pro Series 200, and 3M™ Paint Protection Film Series 100 all have an easy-release cap sheet to remove before bulk installation or plotter cutting. Scotchgard™ Paint Protection Film Pro Series has a no-cap sheet option available only in the US. The cap sheet helps protect the Paint Protection Film quality during shipping. Watch the [3M PPF Easy Cap Sheet Removal video](#).

## What solutions do you recommend for installation?

Slip, Tack, Hybrid, or Gel. Watch the [3M PPF Solutions Mixing video](#).

## How do these new 3M™ Paint Protection Films differ from previous versions of Scotchgard™ Paint Protection Film Pro Series that I have already tried?

Scotchgard™ Paint Protection Film Pro Series has a higher bond strength adhesive and a stiffer clear coat. Scotchgard™ Paint Protection Film Pro Series 200 and 3M™ Paint Protection Film Series 100 adhesive still provides secured edges but with extended working time for more repositioning time. Scotchgard™ Paint Protection Film Pro Series 200 also differs by having a smooth top surface with hydrophobic features for easy installation and cleaning.

## Can heat be added to the film to make it more pliable?

Many installers use a steamer or hot water in their solutions to improve conformability. We do not recommend a heat gun or torch. A heat gun can be used for setting the edges or recessed areas to make sure they are down all the way during the post-installation inspection.

## What auto car wax or coating products can I apply to the Paint Protection Film after installation?

Caring for your Paint Protection Film is easy. After film installation, wait 72 hours before washing and one week before waxing your vehicle to help ensure proper adhesion build of the film has been achieved. For all 3M™ Paint Protection Film waxing, do not use wax that contains dyes, abrasive polishes, and/or rubbing compounds. The abrasive particles will damage the film surface and result in a loss of surface quality. **3M™ Paint Protection Film Series 100** must be regularly treated with a polish or wax, however, 3M recommends using hand-applied high-quality car paste wax with an ultra-high gloss finish without containing abrasive agents applied within three months after 3M™ Paint Protection Film installation. Keep washing and recoating regularly as there is no hydrophobic coating on 3M™ Paint Protection Film Series 100. After waxing your car, you can remove any wax build-up along film edges with a lint-free cloth.

## Can the car be run through a car wash? If so, how long do you have to wait before doing so?

Yes. We recommend waiting for 72 hours after Paint Protection Film installation.

## How can a stain be removed from the paint protection film?

Some stains can be removed by soaking a microfiber cloth with isopropyl alcohol or white distilled vinegar. Hold on to the stain for 5 - 10 minutes and rinse with water. If the stain does not come out immediately, leave it in the sun for one day.

## How much stretch can be applied to the paint protection film during a bulk installation?

It is recommended to not stretch the paint protection film more than 15%.

## How long to wait before applying paint protection film on a repainted vehicle?

Follow the paint supplier's recommendations. Most installers wait at least 30 days to minimize risk.

## Can I apply wrap films or other films on top of Scotchgard™ Paint Protection Film Pro Series 200 Gloss or on top of 3M™ Paint Protection Film Series 100 Gloss?

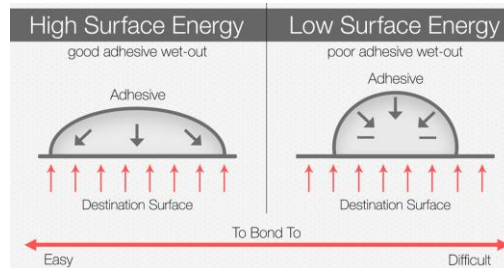
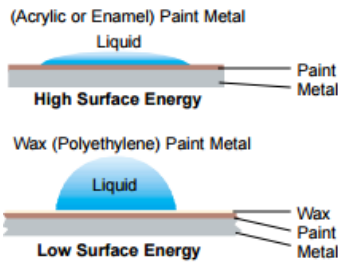
3M does not recommend applying films on top of 3M™ Paint Protection Films. Scotchgard™ Paint Protection Film Pro Series 200 Gloss has hydrophobic features and low surface energy.

If a film is applied to 3M™ Paint Protection Film and the applied film has to be removed, it may damage the 3M™ Paint Protection Film.

## What does “low surface energy” mean?

It refers to a hydrophobic paint protection film so water droplets bead up on the film surface. [Watch the Scotchgard™ PPF Pro Series 200 Product Benefit video](#) for an example of low surface energy coating.

### Wettability Principle



## Health and Safety

When handling any chemical products, read the manufacturer’s container labels and the Safety Data Sheets (SDS) for important health, safety and environmental information.

[Follow the link to obtain SDS sheets for 3M products on 3M.com/SDS.](#)

[Follow the link to obtain information about substances of very high concern \(SVHC\).](#)

IMPORTANT! When using any equipment, always follow the manufacturer’s instructions for safe operation.

## Limited Remedy

This bulletin provides technical information only. 3M recommended product end uses are listed in each 3M product bulletin. End uses not listed in the applicable 3M Product Bulletins are typically not eligible for 3M Warranties. For non-recommended and/or non-warranted end uses or applications, users must test and approve the end uses or applications, assume any associated risks, and acknowledge that 3M has no liability for such end uses or applications. Please contact your 3M representative with any questions about film applications, end uses, and warranties.

## Limitation of liability

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