



Questions and Answers for 3M™ Scotchprint® Wrap Film Series 1080

- 1. Can I use an overlaminate?**

3M does not recommend or warrant using an overlaminate or clear coat on this film, which has an inherent texture that can be altered by an overlaminate. Customers may use only on a test-and-approve basis and where they are ready to assume all risk.
- 2. Can I print on film series 1080?**

3M does not recommend or warrant printing on this film. If printed, an overlaminate would provide protection for the ink, but could alter the appearance of the film. Customers who choose to print on the film must do so on a test-and-approve basis and assume all risk.
- 3. Are stripes in carbon fiber films normal?**

Yes. All films in this series have some texture that is integral in creating these unique looks. The carbon fiber films have the most texture, which appears to have more depth, or texture, in certain lighting conditions, giving a striped look.
- 4. Installation tools**

 - A. Masking tape**

Always use masking tape to mark alignment. Do not use a grease pencil, which will embed in the film's texture, and attempting to remove it may damage the texture.
 - B. Covered squeegee**

The unique finish on film series 1080 is sensitive to scratches and requires careful handling during installation. We recommend using a high density felt squeegee or covering the edge of a 3M™ Applicator PA1-G (gold) with the loop side of 3M™ Scotchmate™ Reclosable Hook and Loop Fastener - Loop portion SJ-35231.
 - C. Heat gun**

A heat gun, instead of a torch, must be used. A torch is likely to alter the appearance of the finish.
- 5. Do I need to use an application tape?**

This new film series features a dual cast construction that is 3.5 mil thick. It has just enough rigidity to allow easy installation without an overlaminate or application tape. Due to the film's texture, application tape may not work well with cut and prespaced graphics. Customers may choose to test and approve an application tape. 3M™ Prespacing Tape SCPS-55 is a good one to try.
- 6. Can I apply film series 1080 to an older vehicle?**

All wrap films, including film series 1080, should be applied to a "like new" vehicle finish for the best results. 3M's warranty only applies to vehicles that have an excellent bond of the paint and its finish to the vehicle substrate. Any rust, bubbling, scratches, dents or other damage will be visible through the film, and such surface imperfections may damage the film or cause the film to fail.
- 7. Does film series 1080 install the same way as film IJ180Cv3?**

Installation is very similar to film IJ180Cv3. Film series 1080 has the same features as Controltac™ Films with Comply™ v3 Adhesive, that is, slideable and repositionable adhesive with virtually invisible air release channels. But be aware of these important differences.

 1. Align the graphic using masking tape, never a grease pencil.
 2. Use a covered or felt edge squeegee, not a hard rubber squeegee.
 3. Use a heat gun, not a torch.
- 8. Is a primer required on complex curves?**

Primer can help any film adhere to deep channels and complex contours. Please refer to 3M Instruction Bulletin 5.36 for recommendations.
- 9. Can I wet apply film series 1080?**

No. 3M does not recommend or warrant wet installations for any film with air release channels. To find an installer who can do dry installations, go to www.3Mgraphics.com.
- 10. Will fingerprints show on the film?**

The matte product may show finger prints, but they can be cleaned off after the installation is complete by saturating a clean, lint free towel with a 2:1 mixture of Isopropyl Alcohol (IPA) and water or straight rubbing alcohol, and then wiping and drying the film.
- 11. Can scratches be removed?**

Many surface scratches will disappear when exposed to the sunlight on warm days. Deeper scratches will not come out. Always use care to avoid scratching during installation, maintenance, use and storage of the applied film.
- 12. How do I maintain the graphics?**

Care for your vehicle graphics like you would any fine paint finish. Using high quality products designed specifically for car care and these cleaning and maintenance procedures will help keep your 3M vehicle graphics looking their best. See the next page for more details.

A. Gentle cleaning is best

- Soften difficult contaminants such as bug splatter, bird droppings, tree sap and similar contaminants by soaking them for several minutes with very hot, soapy water. Rinse thoroughly and dry. If further cleaning is needed, test one of these products in an inconspicuous area to ensure no damage to the graphics: Meguiar's Gold Class™ Bug and Tar Remover or 3M™ Citrus Base Cleaner. Isopropyl alcohol (IPA) (two parts IPA to one part water) or denatured alcohol may also help. Spot clean the contaminants. Do not use rough scrubbing or abrasive tools, which will scratch the film. Wash and rinse off all residue immediately.
- For the best results, use hand washing and a wet, non-abrasive detergent such as 3M™ Car Wash Soap 39000 or Meguiar's NXT Generation® Car Wash or Deep Crystal® Car Wash and a soft, clean cloth or sponge.
- Always rinse thoroughly with clean water. To reduce water spotting, immediately use a silicone squeegee to remove water and finish with a clean microfiber cloth.

B. Power washing is an option

- You can take the vehicle through a brushless car wash.
- Pressure washing may be used under these conditions.
 - Ensure the water pressure is kept below 2000 psi (14 MPa).
 - Keep water temperature below 80°C (180°F).
 - Use a spray nozzle with a 40 degree wide angle spray pattern.
 - Keep the nozzle at least 1 foot (300 mm) away from and perpendicular (at 90 degrees) to the graphic.
NOTE: Holding the nozzle of a pressure washer at an angle to the graphic may lift the edges of the film.
- For the best results, hand dry as described in Item 12.A.

C. Polish or wax

For the carbon fiber and brushed metal films in Scotchprint® Wrap Film Series 1080, a polishing product such as 3M™ Tire Restorer or Meguiar's® Natural Shine Protectant may be used.

No polish is recommended for matte or textured films, and no wax-based product is recommended for any of film series 1080. In these instances, the product tends to fill in the inherent texture of the film's surface and can cause the film to develop a haze.

D. Film series 1080 can be removed

Film series 1080 is warranted to be removable for up to three years after installation, providing the film has not been printed and no overlaminates have been applied. Heat and/or chemicals may be required. Some adhesive residue may be left on the vehicle, which can be easily cleaned off with a product such as 3M™ Citrus Base Cleaner.

Refer to 3M Product Bulletin 1080 and 3M Instruction Bulletin 6.5 for more details.

E. Removal should not cause damage

When used, applied, maintained and removed according to 3M's instructions, film series 1080 should not damage an OEM paint finish upon removal.

F. Store the car indoors when possible

Vinyl graphics (just like paint) are degraded by prolonged exposure to sun and atmospheric pollutants, particularly on the horizontal surfaces such as hood, trunk lid and roof. Whenever possible, store in a garage or at least in a shaded area during the day. At night protect the car from dew or rain, which may contain acidic pollutants (a common problem in many large metropolitan areas). When a garage is not available, consider using a cloth car cover at night. If your graphics start to discolor or turn brown (which is caused by acidic pollution), immediately remove the graphics from the vehicle to avoid staining the underlying paint.

13. More information on the web!

To see the newest additions to this exciting product offering and to learn more product details: www.3Mgraphics.com/1080

3M warranty information: www.3Mgraphics.com.Warranties.

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