

DESCRIPTION

These instructions describe the process used to apply paint protection film to the surface of a vehicle.

IMPORTANT!

PAINT PROTECTION FILM CAN BE CHALLENGING TO INSTALL. Please read all the instructions before you attempt to install. We also have install videos on our website for you to review. If you have questions or need technical help please call our help line at (916) 220-4554 Monday-Saturday. All of our paint protection film kits are designed by a 3M or XPEL engineer and tested for fit.

NOTE: Certain Parts (usually hood and bumper) will need to be stretched to fit and to eliminate fingers at the edges of the curved part (tack solution may be needed to flush away slip solution and promote adhesion). If you need further guidance visit our website (carprotectionpros.com) to view our install videos or call us (916) 220-4554 for installation questions. If you decide to use an installer, please make sure to find an 3M certified paint protection film installer in your area by searching the 3M online installer network. Search "3m paint protection film" look for "where to buy" OR visit http://solutions.3m.com/wps/portal/3M/en_US/3M-Automotive/Aftermarket/Our-Brands/Scotchgard-Pro-Series/Where-to-Buy/ from any device.

TOOLS

Squeegee

Micro Fiber Lint Free Towels

Air Release Tool

Needle, Scalpel, Akukut* or sharp razor blade

Four (3 for SLIP & 1 for TACK) 32 oz. spray bottles (Zep brand high volume output Home depot **model #HDPRO36** can be picked up online)

Water/Soap solution(SLIP):

3M Scotchgard/VentureShield: 3-5 mil of Johnson's Baby Shampoo with 32 oz of water

3M Pro Series: .2-.7 mil of Johnson's Baby Shampoo with 32oz of water

XPEL Ultimate/SuntekPPF: 1-3 mil of Johnson's Baby Shampoo with 32 ounces of water

Alcohol/water solution(TACK): 25% isopropyl (rubbing) alcohol with 75% water for application Spray bottles

3M or other brand of General Purpose Adhesive Cleaner

70% Isopropyl Alcohol

Clean work table at 30"x10' is preferred

STORAGE

It is recommended that temperatures of 13°C - 32° (55°F - 90°F) and 44% - 55% relative humidity be maintained in the film storage location. Film should be applied within one year of purchase.

Temperature

Protection film should be applied when air and application surface temperatures are between 13°C - 32° (55°F - 90°F). Surfaces may be heated in order to raise the surface temperature. This may be done with a portable heater, heat lamps or hot water.

Care Instructions

Wait 48 hours after installation before washing the car.

A layer of good quality acrylic polymer should be applied to the film two weeks after installation to close the pores in the clear coat. This will prevent bug acids, road grime and airborne particulates from staining or yellowing the kit.

- Reapply good quality acrylic polymer at least every 6 months.
- Avoid using any automotive waxes on the film that contain Naptha or Kerosene.

Do not use any of the following directly on the film:

- Power-based or abrasive cleaners
- Solvent-based degreasers
- Rubbing compound, clay or other type of abrasive material
- High-speed buffing or polishing equipment
- Bug/tar removers
- Pressure washer

Surface Preparation

All surfaces must be cleaned thoroughly prior to application of paint protection film. **NOTE: On repainted vehicles, paint must be thoroughly dry and cured for at least 30 days before any attempt to apply film to the vehicle. This is made in order to avoid film bubbling due to paint out gassing.**

Check paint manufacturer's instructions for recommended cure time and method.

The following procedure is recommended:

1. Thoroughly wash the vehicle.
2. Remove any grease or tar especially around wheel wells and hood edges.
3. Wipe with isopropyl alcohol or other residue-free cleaner.
4. Wipe the surface with a clean, lint-free cloth before the cleaning solvent evaporates.

Application Procedure

1. Make sure the film and vehicle temperatures are between 13°C - 32° (55°F - 90°F) for best results.
2. Install the kit in a clean area protected (garage) from sun and wind. Vehicle surface must be free of grease, oil, etc. This includes edge areas under the hood and around the wheel wells of the vehicle.
3. Always handle adhesive side of the film with clean, wet hands to avoid any potential transfer of fingerprints to the adhesive.
4. Lay down the piece of film pre-cut to the surface shape to check for correct fit.
5. Spray the surface of the working area thoroughly with water/soap solution.
6. Place the film face down on a flat surface. Remove the liner by pulling liner directly back upon itself at an angle of 180°. This will minimize stretching of the film. Be careful not to allow dirt to contaminate the adhesive. Remove the film from the backing paper while spraying its adhesive side with water/soap solution thoroughly. Spray your finger tips as well before touching adhesive side of film. Don't worry, the adhesive is soap resistant, but this will help you handle the film safely.
7. A wet application is required for protective film. Use the recommended amount of Johnson's Baby Shampoo with 32 ounces of water for application of the film. When mixing slip solution add small amount to increase slip. Do not add excess soap as adhesive will adhere unevenly. Only add enough soap to allow for repositioning during alignment. Install smaller parts first. Spray the entire adhesive surface of the film and the surface of the vehicle on which it is to be applied. DO NOT use detergent and water or apply dry, as it may result in a hazy appearance of the film and long-term adhesion may be adversely affected. Keep the adhesive and application surface wet during application to facilitate repositioning.
8. Use alcohol and water solution: 25% isopropyl (rubbing) alcohol with 75% water for application to tack down starting/end point areas and to enhance adhesion to curved areas. Use heat from hair dry or steamer to soften material for easier application to curve areas (bumpers). Curve areas will need to be palmstretched to fit (bumpers, mirrors, etc. Note: Tack solution washes away slip solution and activates the adhesive and makes the film adhere faster to the surface.
9. Take care of the release liner-Keep it clean and do not let it fall to the floor during installation. It is your life line if you run into a trouble spot during application you can remove the part and replace in on the liner and try again later.
10. Keep a five gallon bucket of water close by to keep hands and squeegees clean and wet. Hot water in the winter cold water in the summer. You can also use the warm water (place the film rolled up inside the bucket) to soften the film making it easier to work with.