



*Consumers' Choice*

## **Venture Shield Paint Protection Film Instructions**

### **DO NOT CUT INTO THE PAINT**

#### **Temperature**

Roll goods film should be applied when air and application surface temperature are between 13<sup>0</sup>C – 32<sup>0</sup>C (55<sup>0</sup>F – 90<sup>0</sup>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.

#### **Surface Preparation**

All surfaces must be cleaned prior to application of roll goods film. On repainted vehicles, paint must be thoroughly dry and cured before any attempt to apply film to the vehicle 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. Vehicle surface must be wax free, grease, oil, etc.. This includes edges arrears under the hood of the vehicle.
2. Wipe with isopropyl alcohol or any adhesive remover / cleaner.
3. Dry the surface with a clean, lint-free cloth (detailing cloth) before the cleaning solvent evaporates.

#### **Application Procedure**

1. Make sure the film and vehicle temperatures are between 13<sup>0</sup>C – 32<sup>0</sup>C (55<sup>0</sup>F – 90<sup>0</sup>F) for best results.
2. Always handle adhesive side of the film with clean, wet hands to avoid any potential transfer of fingerprints to the adhesive.
3. Place the film face down on a flat surface. Remove the liner by pulling liner directly back upon itself at an angle of 180<sup>0</sup>. This will minimize stretching of the film. Be careful not to allow dirt to contaminate the adhesive.
4. A wet application is highly recommended for protection film. Use a solution of soap & water. (slip-solution) Spray the entire adhesive surface of the film and the surface of the vehicle on which is to be applied. Keep the adhesive wet during application to facilitate repositioning.

#### **Tips:**

- Excess application solution allows repositioning and easier part placement. Use the application solution liberally.
- Mix 25% isopropyl alcohol with 75% water to spray under valleys & stubborn fingers to help dry out and lay down (percentage of mixture may vary).
- Wrapping a towel around your squeegee then pressing out your finger will help soak up any water that still may be under film & help it lay down.

5. Position the film onto the surface of the vehicle such that the product is straight. When doing a hood, masking tape markers can be used to ensure the product is aligned correctly. If you wish to wrap the leading edges for added protection, extend the film 0.75 inch past the leading edge so that the excess material may be folded underneath.
6. Starting in the center, squeegee the solution and air from under the film using overlapping strokes. Always squeegee the trapped air or solution to the nearest edge. Be gentle and avoid creasing the film. Film may be removed to be repositioned, but remember to keep the adhesive wet at all times and allow film to relax back to original size and shape before reapplying. Take care to avoid stretching the film more than 20%.
7. If bubbles appear in the film after application, remove by piercing the bubble at the outer edge with the Air Releases Tool or a hypo needle and gently forcing the air and excess wetting solution out through the hole with a squeegee or finger. If the film appears hazy after applying as recommended, it is because there is still a thin film of air or solution present beneath the film. The film should be carefully removed, allowed to relax back to original shape and size, and reapplied.
8. The film has a unique property. If the 8 mil film is scored to a depth of 2-6 mils, it tears cleanly along the scored line. Using a scalpel, Akukut or razor knife, score the film where trimming is needed. Initiate a tear and remove the excess by tearing the film along the score line, **(DO NOT CUT INTO THE PAINT)**.
9. Wrapping film under the leading edge of the hood, trim where using the scoring technique. Spray alcohol & water and use firm pressure and a heat gun (on low) to secure the film under the hood.
10. Wipe the vehicle dry. Then use a spray wax & detailing cloth to finish.

### **Handling Emblems, Hood Ornaments, etc..**

Squeegee the film as close to the edge of the emblem as possible. Using a scalpel, Akukut or razor knife, score the film, **(DO NOT CUT INTO THE PAINT)**. Trim carefully around the emblem and remove the excess film.

### **Maintenance**

Once applied, refrain from washing vehicle in an automated car wash for (7) days. Washing after that time presents no problems, The best thing you can do for the life of your Venture Shield is to use a spray wax with a detailing cloth. When using a paste wax on the vehicle, some wax may build up along the film edges. This can be easily removed when dry with a soft brush such as a toothbrush.

### **Removal**

If desired, film can be removed at any time by picking up a corner of the film and pulling & stretching the film at a 45 degree off of the vehicle surface. If the film has been present a long time, or if the film and vehicle are cold, a heat gun or hair dryer may be used to soften the adhesive, allowing easier removal.