

# How-To Full-Body

## BEFORE YOU START:

### 1. Environment

- Always obey local safety and environmental regulations in the application and disposal of Superwrap products.
- Always spray indoors or in a completely enclosed space.
- Temperatures must always be between 68-82F with the humidity level below 60%
- The paint surface must be at room temperature sprayed.

### 2. Equipment

#### 2.1 Safety equipment

- Always wear appropriate respiratory protection equipment.
- We recommend wearing nitrile gloves during the application and mixing.
- We recommend protecting/covering the floor if you aren't spraying in a paint booth.
- We recommend covering the surface where you will be mixing the colors as drips and spills may occur.

#### 2.2 Preparation equipment

- We recommend buying the Superwrap application kits. The kits include everything needed to properly prepare and mask the surface prior to your application. If you don't have a Superwrap application kit, make sure that you have the following necessary elements at your disposal:
  - Masking tape (3/4" and 1 1/2" .)
  - Masking paper or film (Tape & Drape)
  - Surface preparation solvent
  - Clean microfiber towels

#### 2.3 Spraying equipment

Superwrap can be applied with various spraying equipment. It is important to make sure that you are comfortable with the chosen equipment before you start applying the product to your car. You can test your spraying equipment on another surface before beginning your project. Focus on the spray pattern and product volume adjustments on flat AND vertical panels as they will be critical to your application. There is no better equipment than the one you are comfortable with. Take your time to test your gun until you are fully comfortable with its spray pattern and the finish quality of your test application.

1. Turbine (airless) Guns: You can use airless guns to apply Superwrap on a full car. We strongly recommend trying and testing the gun first as they all have different spray settings, controls and atomization style. If you are using an airless gun, make sure to get comfortable with the gun first by spraying another automotive panel. While testing your gun, you should try both horizontal and vertical panels to ensure your gun settings are adapted for your full application.
2. HVLP Guns: If you are using an HVLP Gun to apply Superwrap on a full car, we recommend using the following settings:
  1. Nozzle: 1.4 to 1.8mm (depending on the gun and personal preference)
  2. Pressure: 20 to 30 psi (depending on the gun and personal preference)

## **Step 1: Preparation**

### **Washing the car**

Important: We recommend washing the car 24 hours before applying the product to make sure that all remaining water has evaporated. Use a neutral PH shampoo without any wax or silicone additives to wash the car

1. Rinse the car with a power washer or a hose to get rid of all dirt, grease, dust, etc.
2. Follow the mixing guidelines on your PH Neutral Shampoo.
3. Wash every panel with a clean washing mitt using your shampoo and water mixture.
4. Pressure wash or rinse the car with a hose to remove all the leftover shampoo.
5. Fully dry the car with a clean automotive drying towel.

### **Surface Condition**

Superwrap should be applied to a clean and damage-free vehicle finish to obtain best results. Superwrap may also be applied on primed surfaces, however, adhesion will increase making removal more difficult. Make sure to remove any paint protection films from the application areas and strip the car of any coatings. Superwrap is a self-leveling product which means that any rust, bubbling, deep scratches, big dents or other heavy damages will still be visible through the film, and such surface imperfections may damage the film or cause the film to fail prematurely. Any recently applied finish must be cured for the full amount of time recommended by the paint manufacturer before spraying Superwrap. \*We usually recommend a 180 day curing period.

### **Dismounting and removal**

Superwrap does not require any dismounting. However, we strongly recommend removing any parts of the car that are easy to dismount that you would have to mask off. If you are comfortable with the removal of emblems, grills, badges, spoilers, aftermarket aero parts or any other accessory that may be in contact with Superwrap, we strongly recommended you remove them instead of masking these parts. It will save you time, exposed edges and potential mistakes.

Recommended parts you should remove from the car if possible:

- Front grill
- Emblem
- Side grill
- License plates and frame
- Aftermarket parts (lips, diffusers, side skirts, etc.)

### **Taping & masking**

While taping and masking your car in preparation to your Superwrap full body application, always keep in mind that Superwrap is a reversible film and will eventually be removed from the vehicle. You are taping and masking to limit as much as possible the overspray and to avoid lifting the film once it's dry resulting in exposed edges which may lead to premature peeling. Tape in a way to create hard, clean lines and close off any gaps between body panels that may look to overspray in visible areas such as the engine bay and door jambs. Tape your hard lines in order to avoid exposed edges of the film to water and road debris.

Your taping lines should be 1/2 (half) of an inch from the edges of body panels such as door jambs, hood and trunk. It is very important not to tape your lines directly on the edge of any body panel. To avoid creating bridges between sprayed and masked surfaces, carefully tuck the tape in the gaps using a plastic card or small soft edge tool.

### **Mask off the following areas:**

1. Use Tape & Drape or masking paper to mask the engine bay and leave the hood slightly open once masked.
2. Use Tape & Drape or masking paper to mask the inside of the trunk and leave it slightly open once masked.
3. Use Tape & Drape or masking paper to mask the windows.
4. Use tape to mask the window trims. Tuck the tape in the gaps with a plastic card.
5. Use tape to fully mask the Headlights, taillights and fog lights.
6. Use tape to fully mask the grills you can't remove.
7. Use tape to close the opening from the removed grills.
8. Use tape to fully mask the mirrors housing.
9. Use tape to mask the rear-view camera and sensors.
10. Use tape to mask the exhaust tips.
11. Use wheel cover bags, masking paper or tape & drape (masking film) to fully cover your wheels & tires.
12. Use tape and drape to create a barrier for overspray under the car. Apply the tape & drape on the inside edges of the side skirts, wheel well, front and rear bumpers.

### **Surface Preparation**

Cleaning the surface properly is one of the most important steps to a proper application. Wipe the application area with Superwrap Preparation Spray, wiping dry as you work. Do a final wipe down with a tack cloth.

1. Spray a generous amount of Superwrap Prep Spray on your microfiber towel.  
\* We do not recommend applying Preparation Spray directly on the car as some of the solution might get trapped in cracks and reduce the quality of your application. Always apply the preparation spray on your microfiber towel then wipe the surface.
2. Carefully wipe every section of the car you will be spraying, panel per panel.
3. Repeat Step 2 for best results.
4. Let the surface dry for 15 minutes.

### **Step 2: Mixing, Spraying & Drying**

When spraying Superwrap, always keep in mind that Superwrap is a reversible film and will eventually be removed from the vehicle. You are spraying for film thickness and not only color coverage.

It is critical that you apply sufficient base and color coats evenly across all areas of the vehicle, including complex surfaces and hard to reach areas such as bumpers, side skirts, wheel wells, window trims, etc.

### **Base Coat**

The Superwrap Base Coat is a ready-to-spray (RTS) flexible sprayable vinyl coating designed to be used as a base coat for the Superwrap Color Coats on automotive body panels, wheels or accessories.

## **Mixing Instructions**

- Components: 1
  - State: Ready-To-Spray
1. Stir with a mixing stick for one full minute.
  2. Filter the Base Coat while pouring into your cup. If you use an airless gun, do not overfill your cup as it may create some atomization while spraying.

## **Spraying Instructions**

Use an Airless/turbine or HVLP cup gun with a 1.4 to 1.8mm needle at 20 to 30 PSI. Adjust according to your preferences.

1. Spray 8 to 12 inches from the car.
2. Apply 1 tack coat and 3 wet coats (50% overlap).
3. Inter coat time: 15 to 20 minutes \*drying time increases with the humidity level.

Note: The Superwrap Base Coat and Color Coat have low overspray volatility, you need to thoroughly and evenly spray all edges to ensure sufficient thickness on edges of the film.

## **Color Coat**

The Superwrap Color Coat is a ready-to-spray (RTS) flexible sprayable vinyl coating designed to be used as a color coat on Superwrap Base Coat.

## **Mixing Instructions**

- Components: 1
  - State: Ready-To-Spray, Clear
  - Color Mixing: Pour the Color Pigment (200ml) directly into the Color Coat and mix for 1 full minute with a clean mixing stick or an electric mixer.
1. Filter the Color Coat while pouring into your cup. If you use an airless gun, do not overfill your cup as it may create some atomization while spraying.

## **Spraying Instructions**

1. Apply 1 tack coat and 3 wet coats (50% overlap) or more until color coverage is reached.
2. Spray 8 to 12 inches from the car.  
Note: The Superwrap Base Coat and Color Coat have low overspray volatility, you need to thoroughly and evenly spray all edges to ensure sufficient thickness on edges of the film.
3. Inter coat time: 15 to 20 minutes \*drying time inscreses with the hydidity level.

## **High Gloss Clear Coat or Satin Clear Coat**

The Superwrap Clear coat is a flexible sprayable vinyl coating designed to be used over Superwrap Base and Color Coats.

### **Mixing instructions**

- Finish: Gloss or Satin
  - Color: Clear (transparent)
  - Components: 1
  - State: Ready-To-Spray, Clear
1. Stir with a mixing stick for one full minute.  
\*Satin Clear Coat: Stir with a mixing stick until there is no deposit at the bottom of the container.
  2. Filter the Clear Coat while pouring into your cup. If you use an airless gun, do not overfill your cup as it may create some atomization while spraying.

### **Spraying Instructions**

1. Use an Airless or High-Volume Low Pressure (HVLP) cup gun with a 1.4mm to 1.8mm needle at 20 to 30 PSI. Adjust according to your preferences.
2. Apply 2 wet coats (50% overlap).
3. Spray 8 to 12 inches from the car.
4. Inter coat time: 10 to 20 minutes \*drying time inscreses with the hydidity level.

### **Step 3: Unmasking**

We recommend performing the complete unmasking after letting the final coat completely dry. We recommend letting your vehicle air dry for 8 to 12 hours before proceeding with the unmasking and driving.

### **Tape Removal**

Pull away from the surface to avoid lifting of the film. We recommend weakening the film using a spudge tool or a plastic blade to eliminate film lifting errors in areas prone to bridging between the surface that you sprayed and the surface that you masked. Allow a 6 to 12 hours final drying period before driving.

### **Removal of tape on trims**

Crease your hard lines on trims with a plastic blade or sharp tool in order to weaken the film and then remove the excess film. You do not need to cut through the film as you may risk cutting through the underlying surface.