



How to Measure Your Application Area

Prior to purchasing Rvinyl films you will need to determine the amount needed for your specific application. In order to measure your application area you will need the following supplies:

- A length of string and a measuring tape or tailor's tape (this is a measuring tape made from cloth you can purchase at a hobby store)
- A marker or Stabilo pencil to mark the string.
- Masking or low-tac tape to hold the string or tailor's tape in place.

In order to measure the surface area you will need to identify the maximum width and height of the application area such as a hood or dash panel. Tape or hold the end of the string or tape at the farthest end of the area and unroll the string or tape until you reach the opposite end of the area. You may actually end up measuring both the width and depth of the application surface but, because you are going to be using a two-dimensional wrap kit you can treat the surface as if it were a single plane.

If you are using a piece of string or cord to make the measurement mark it with your marker or pencil and lay it out flat on the ground so it may be measure using your measuring tape.

Using the same technique employed to measure the width, proceed to measure the height of the area. When you have measured both the width and height you will need to add an additional 2 inches to each dimension in order to provide a surface that can be handled without damaging the film that will be applied to the area. It is extremely important that this step not be skipped because body oils and over-handling are two of the major culprits which lead to delamination, bubbling and improper installation.

Quick Tips:

-Ideal application temperature range is between 70° to 80° F (21° to 27° C). When possible, turn on your vehicle to aid in increasing the surface temperature such as for a hood wrap.

-Surfaces must be clean and dry prior to application

-When removing vinyl from the backing it is best to continuously spray both sides of the film with an application fluid such as Rapid Tac or a 10:1 water to mild soap solution to prevent premature adhesion of the kit to itself.

-Clean your areas thoroughly with a solution such as Rapid Clear. Use masking tape to test for adhesion. If masking tape curls up and falls off you need to continue cleaning.



Rvinyl.com Preparation Guidelines:

- Ideal application temperature range is 70° to 80° F (21° to 27° C).
- Do not apply during periods of high relative humidity (i.e., when it's raining).
- Surfaces must be clean and dry prior to application.
- Do not bend vinyl film back and forth as this causes the adhesive to wrinkle when applying.

Vinyl Film Wrap Installation Guideline Step 1: Clean the Application Area

- For proper adhesion, clean all surfaces using a 2:1 mixture of water to Isopropyl alcohol, Rapid Prep.

Note: Prior to cleaning test solution in an inconspicuous area.

- Use a clean, lint-free cloth to cleanse the application area. Insure the surface is dry and all oils and residues have been removed prior to application.

- A good test is to see if masking tape will stick to the application surface, if it sticks then the surface is ready for application. If it does not stick then further cleaning may be necessary.

Vinyl Film Wrap Installation Guideline Step 2: Application Solution

Rvinyl film can be applied dry onto smaller areas, although we greatly recommend a wet application method.

- Spray a liberal amount of the Rapid Tac of 10:1 water to mild soap solution onto the area which will allow you to reposition the film during the application process.
- Liberally spray the application fluid on outside of the film, this will allow you to remove the vinyl film without it sticking to itself



- Remove the vinyl film from the liner, spray with application fluid. This will allow you to reposition the film on the area.

Vinyl Film Wrap Installation Guideline Step 3: Align

- Having sprayed the area with application fluid, you may apply the wet adhesive side of the film to the lens.
- Reposition the film to align it to the edges.

Vinyl Film Wrap Installation Step 4: Application

Spray the outside of the film with Rapid Tac of the soap and water solution again. This will reduce scratching. Spray the area once again to allow repositioning.

Flat Area Tips & Tricks:

For flatter areas apply pressure to one end of the film so that it begins to adhere to one end of the area. Using a squeegee, press down and squeegee the film with smooth sweeping motions. If this is being done properly, you will see the water exit from underneath the film. Do this across the remainder of the area.

Note: If the film appears to be "short" or too small move onto the Curved Area Application Section.

If large bubbles are present, peel up the film to that area and apply again. Rvinyl vinyl film is very forgiving when both the area and the adhesive side of the film is wet. Keeping the film wet allows you to pull and reapply numerous times if not satisfied with results prior to heating the film.

Vinyl Film Wrap Installation Guideline Step 5: Large Curved Area Application

For Large Curved Areas (the most common areas on the market today) spray the outside of the film with solution again. This will reduce scratching. Spray the area once again.



- Apply pressure to the center of the film on the area with a squeegee so that it begins to adhere to one end of the area. It may be easier to have a partner help you by holding the film as you begin the next step.
- Gently begin to heat the film on one end from the center with a hair dryer or heat gun on a low setting. Take your time in heating the film, you do not want to melt the film.
- Apply the remainder of the film by moving in a spiral or circular motion working outwards towards the edge of the area. Keep the film "warm" by continually heating it will allow it to stretch up to 25% and conform. This is the only way you can apply vinyl film to a curved area unless the kit has slits which are intended to be overlapped and cut-away.

Proceed as above being sure to liberally apply the solution to both sides of the film. When the film is stretched into position one of the sections or flaps of the film will naturally fall over the other. Smooth the flap down until flat. Using a razor gently score away the overlapping film until you can easily pull the excess film away.

Vinyl Film Wrap Installation Guideline Step 4: Trimming

Remove any excess vinyl which may hang over the edges due to the heated application method. If possible, extra film may be "tucked" into an area which is not visible such as with a hood or trunk wrap.

Vinyl Film Wrap Installation Guideline Step 5: Drying

Allow film dry for a minimum of 30 minutes and carefully wipe off any excess solution. If all moisture has not been properly removed from under the film some delamination or air bubbles may occur. This is completely normal. Film is breathable and porous – most will evaporate within a few days to a few weeks depending on film thickness and sun area / heat exposure. Any surface texture, scratches, or ripples will also disappear during this curing process.

Note: Adhesion may be difficult in cold weather, humid areas or if the surface has not been properly cleaned prior to application.