

## HOW TO APPLY INTEGRAFX REAR PROJECTION FILM TO YOUR GLASS OR ACETATE SURFACE

### Overview

The IntegraFX rear projection film can be applied to transparent glass or acrylic surfaces that are rigid, nonporous, and smooth. While acrylic and plastics can work, they may possibly allow off-gas that can create tiny air bubbles between the acetate and the film especially over time. Glass is smoother and less permeable and thus is the best long-term solution.

Applying the rear projection film to glass or acetate is very similar to applying window tint film to a window. In fact, you may want to go to your hardware store to buy a window tint application kit, which usually includes at a minimum the liquid solution in a spray bottle, a rubber-blade squeegee or hardcard, and possibly a razor and lint-free microfiber cloth.

To ensure your installation is even and free of air bubbles, make sure the glass/acetate surface is very clean and perfectly flat. You'll want to evenly moistened the glass or acetate surface with window tint solution or a mild, bubble-free homemade solution (1 quart water w 1/4 teaspoon of clear baby shampoo) as you install. It is often easier to moisten both the instead in addition to the glass surface.

We recommend you test and practice installation first. You can cut out a small portion of the film to test using a razor or sharp scissors.

### Precautions

- IntegraFX film has a self-adhesive backing and is made for one-time application once the release liner is removed.
- Applying the IntegraFX film to a window that has tint layering treatment will likely damage the tint treatment upon applying or removing the film.
- The adhesive on the IntegraFX film is very sticky. It's very important you position the film on to the glass accurately the first time. It's very hard to shift the positioning once a large portion of the adhesive touches the glass. We recommend you first test positioning the film to the glass while the release liner is still covering the adhesive..
- Do not crease or fold the IntegraFX film, and avoid touching the screen with hard or sharp objects, as this may damage the surface.
- It's much easier to work together with a partner to apply the film than to do all by yourself. This way, one can hold the film to position while the other sprays the film and glass surfaces.

## Tools you need

In addition to the IntegraFX rear projection film and the glass or acetate surface upon which you will apply the film, the following tools will come in handy.

- Window tint application kit
  - Spray bottle
  - Window tint application liquid solution
  - Rubber-blade squeegee or hard card
  - Latex gloves
  - Microfiber cloth
  - Razor
- Masking tape

## Step-by-step instructions

1. Clean the glass or acrylic surface to remove dust, dirt and oils with a neutral soap solution so the surface is clean and very smooth. Avoid cleaning solutions that may cause bubbles or contain ammonia. Dry the surface using the rubber-blade squeegee.
2. Use masking tape to mark on the glass where you plan to position the film. Mark on the opposite side of the glass on which you will be applying the film.
3. Wet the glass by spraying it with your window tint solution.
4. Partially peel the release liner from one corner of the rear projection holographic film. Evenly spray the adhesive side of the film with the window tint solution while simultaneously pulling it back. Avoid allowing the the film material to stick to itself.
5. Carefully place the film into position on the glass. Remember, the material is very sticky and will be hard to shift the positioning once a sufficient portion of the adhesive bonds to the glass.
6. Once the film is in position, spray the surface with the liquid solution to make it slippery.
7. Smooth out the surface by using a rubber squeegee, hardcard, or your hands with latex gloves on to push out air bubbles and ripples caught between the film and the glass surface. Squeeze the solution and air out carefully from the center of the surface toward the edges.
8. Where you are unable to push out bubbles, it is possible to carefully pop the bubble using a fine needle and then smoothing out the surface.
9. Allow the material to completely dry, which can take several hours or even 1-2 days.
10. Remove excess film as needed.