

# Instructions for Permanently Mounting TransVu films to Glass or Acrylic

*Please read the entire set of instructions first before beginning installation*

## Installation Tools Required:

Rubber Gloves

Rubber or Soft Plastic Spatula or Squeegee

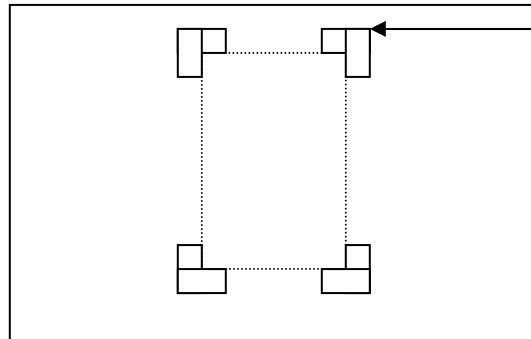
Neutral Glass Cleaner (No alcohol or ammonia)

Spray Water bottle with one or two drops of neutral detergent in distilled water.

Clean, lint free cloth or towel

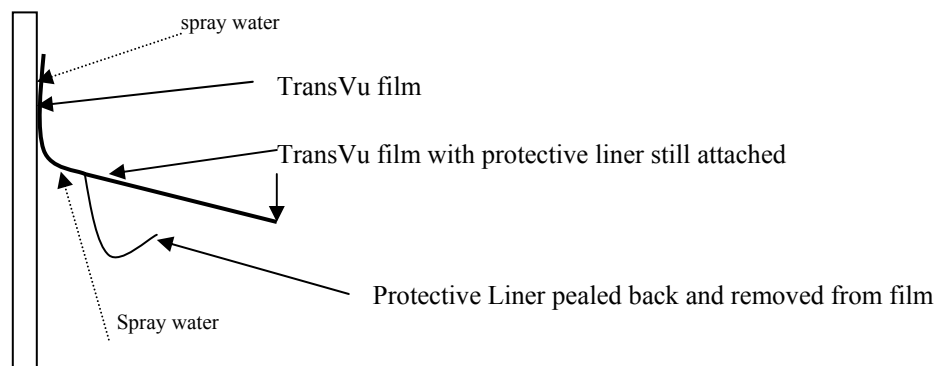
## Installation Directions:

- 1) It is recommended that you wear rubber gloves for handling the film for installation. The pH levels in skin oil can slightly discolor the film surface. Removing the protective liners only when appropriate minimizes this possibility.
- 2) Clean thoroughly the glass surface where the film will be placed. If you use a cleaning solution, thoroughly wash off the window with water after cleaning to remove any residual cleaning solution. Wear gloves and do not touch the window after you have cleaned it with bare hands or fingers. Otherwise, you will leave an oil residue on the glass. Note: Do NOT use alcohol or ammonia as a cleaning agent for acrylic. It can cause crazing (multiple small cracking). Also, do not use alcohol agents to wipe or clean the film.
- 3) If possible, orient the glass or acrylic vertically or at least at an angle for mounting the film. This minimizes the possibility of air borne dust from settling on the surface as you continue the mounting process. Gravity also assists in pulling the water out from behind the film as you squeegee the film (step 8 below).
- 4) Find the location on the glass where the film is to mounted and mark off the corners with an easily removed tape (painters tape or masking tape) where the corners of the film will be located.

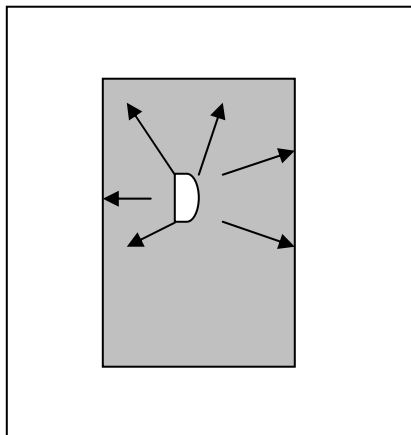


Mark with tape all four corners where the film will be positioned.

- 5) Spray the window with water along the top edge where the film will be placed. Use lots of water.
- 6) Partially remove the adhesive protective liner from the top edge of the film and liberally spray the exposed adhesive on the film with water too. This wets the adhesive and prevents a static charge from developing on the film as the protective liner is being removed which could attract dust. NOTE: Keep the front protective liner on the film (TVC and TV20 only). Do not remove it until installation is done.
- 7) Position the top, exposed portion of the film between your tape marked corners where the film will be mounted.

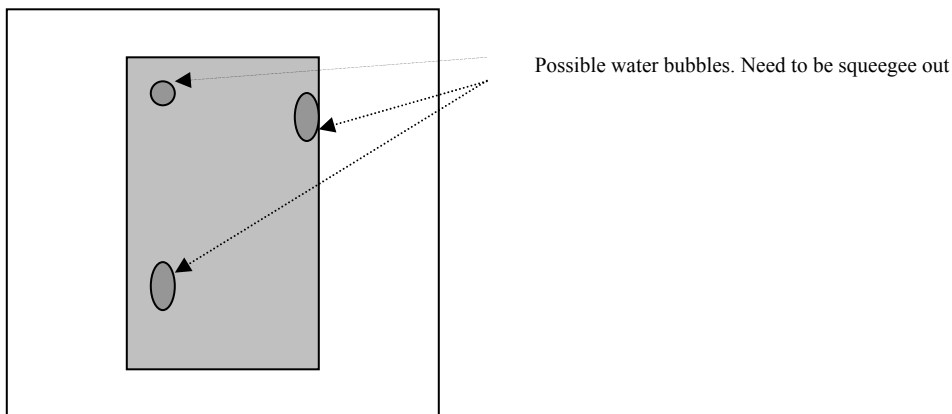


- 8) Spray the front side of the film with water too so your squeegee slides smoothly over the surface of the film/liner. Begin to press and squeegee the top portion of the film against the window. Keep the bottom sections of the film raised off the glass as you work the top edge if you are mounting a large piece of film.
- 9) From underside of the film, continue to peel back the protective layer exposing the adhesive. Spray the window and the film with water, and continue to press with the squeegee from the front side and work down over the newly applied section of the film. Keep the front side wet too to prevent any scratching from the squeegee.
- 10) Repeat until you have the entire film mounted on the glass.
- 11) Now wipe off the excess water from the glass at the edges of the film
- 12) Respray water on the front side of the film and work from the middle of the film and firmly squeegee out to the edges of the film. The objective is to press out as much water from under the film as possible to the edges and wipe it off. Look carefully for water or air bubbles and squeeze them out to the edges.



- 13) When completed, wipe off the film and window of any excess water. Remove the positioning tapes at the corners. Do not remove the front protective liner (TVC and TV20 films) until the last step of installation!

**You are almost done but not quite! Depending on your skill, there maybe some residual water still under the film. As the adhesive cures, it will pull the film more tightly to the glass and this residual water might “pool up” under the film and look like air bubbles. They are not air but water bubbles. If these are left untreated, the water will eventually evaporate and leave an “air” bubble under the film. So we strongly recommend the following steps.**



- 14) After 45 minutes or so, go back and inspect the film. If water bubbles are present, slowly work them out to the edges. Again, keep the front side of the film wet where you are applying pressure with the squeegee.
- 15) Check it again 1-2 hours later. Maybe again after 4 hours or until you are sure that no additional water is pooling under the film. Checking it the following day would be prudent.
- 16) The film adhesive fully cures in 1-2 days. When you are comfortable about the film being installed and cured without bubbles, then remove the front protective liner from the film (TransVu C and TransVu 20 only, the TransVu 60 and 70 do not have a front protective liner).

**Note: If you are uncomfortable with the mounting process, most commercial window tint installers are familiar with this type of a film installation. Contact them for assistance.**