



# HP Adhesive Overlaminates for windows tips and tricks

## About adhesive film window graphics

**HP Gloss Polymeric Overlamine** and **HP Matte Polymeric Overlamine** are perfect for window graphic applications. With a 140g DSPE lay-flat liner, this vinyl performs exceptionally well for printable applications as well as an overlamine.

## Window graphic applications

- Indoor and outdoor signage
- Special effects
- Privacy
- Décor
- Promotional decals
- Brand building
- Overlamine solutions





## Type of films

- Transparent films
- Translucent films
- Perforated films
- Opaque films

## Window preparation

Proper preparation of the glass surface is critical to a successful application. Clean the glass surface thoroughly with a non-ammonia-based cleaner (some window cleaners have additives that may leave behind a residue). Many cleaning products have chemical agents that can cause a bond failure between the substrate and the adhesive. Cleaning should be followed by a final wiping with isopropyl alcohol (IPA/Rubbing alcohol 50/50).

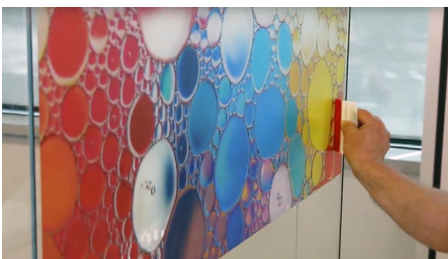
Using a lint-free towel or cloth, dry the surface. Please note, the rubbing alcohol may cause the surface to cool, possibly causing condensation. Allow the surface to remain at room temperature for 10 minutes before applying the graphic. If applying graphics in cold weather using wet application, the adhesive will not adhere properly to the window. It is important to avoid water-based application fluid when application temperature is below manufacturer's recommendation.



Depending on the size, location, and type of graphic being installed, it may be necessary to use application tape. For most applications, a medium-tack application tape will be sufficient. These products are not recommended for vehicle window applications.

## Recommended application procedures

A wet application technique is recommended. Application fluid or mixture of water with a few drops of soap, allows for easy positioning of window graphic. The liquid also helps make it easier to push out any air bubbles during installation. The graphic may appear "hazy" for up to 48 hours until all the liquid has dissipated.



### Application fluids

- Rapid Tac
- IPA/Water mixture (75% water to 25% IPA)
- Mix a gallon of water with approximately 1 tsp of mild/synthetic detergent that does not contain perfumes, wax, oils, or lotions.

### Installation steps

1. Test the glass surface for wax or other coatings by placing several drops of water on various areas of the glass. If the water forms into beads, then there is a coating on the glass that needs to be removed prior to application. If water does not form into beads, the glass surface is ready to install.
2. Apply a generous amount of application fluid using a spray bottle/applicator completely covering the window for which graphic will be applied. Depending on the size of the graphic, it may be helpful to also spray the adhesive side of the print as well.
3. Remove the liner from the graphic and position the graphic on the area where the fluid was sprayed.
4. Using a soft squeegee, squeegee from the center of the graphic out towards the edge of the graphic forcing the fluid to escape.
5. If application tape was applied, wait a minimum of 15 minutes before removing tape, keeping it parallel to the glass. Pull back the application tape at a 180-degree angle to minimize the possibility of lifting the applied graphic.

### Recommended tools

1. Isopropyl alcohol
  2. Lint-free cloth
  3. Squeegee
  4. Rapid Tac
  5. Razor-knife
  6. Medium-tack tape
  7. Marking pencil
  8. Air release tool (straight pin)
  9. Tape measurer
- Additional helpful tools: RollePro [www.rollepro.com](http://www.rollepro.com) and YelloTools [www.yellotools.us](http://www.yellotools.us)

See the HP REACH Declaration published at  
HP Printing Products and Consumable  
Supplies.

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## Exterior glass

When applying graphics to exterior windows, the surface temperature of the glass needs to be 60°F (15°C) or warmer to enable the adhesive to adhere properly.

### NOTE

*Glass absorbs heat when exposed to sunlight. The degree of absorption across windows can vary because of shading, heating and cooling, ventilation, and insulation from window frames. These temperature differences across the window can produce stress, which can cause glass breakage. Window durability varies based on window size, glass thickness, glass treatments, quality and design.*

## Removal

These products have a permanent adhesive and may leave adhesive residue upon removal. The ease and rate of removal depends on a number of factors. First, remove any excess adhesive with a citrus-based cleaner, then clean with IPA alcohol.

## Cleaning graphics (if needed)

### Exterior graphics

1. Flush the graphic with a trigger-type hose nozzle and clean water to remove loose dirt particles.
2. Use a mild liquid/synthetic detergent and water solution and wash the graphic with a soft rag or sponge.
  - a. Wash the graphic from top to bottom.
  - b. Avoid scuffing the graphic with unnecessary scrubbing.
  - c. Wipe the graphic with plain water to wash away detergent and dirt.
  - d. Dry the graphic with a lint-free towel.
  - e. Rinse exterior graphics thoroughly with clean water and allow to dry naturally.

### NOTE

- HP/BMG accepts no liability for glass breakage due to window graphic applications. Glass breakage may occur due to temperature differences across the glass, which can be caused by sunlight on dark areas of the graphic. Glass size, thickness, quality, edge treatment, tinting and frame design can also greatly affect the likelihood of breakage.
- Wet application is not recommended for products with an air-release liner as water can get trapped in the air channels.
- If color matching is important, we suggest using material from the same roll/lot.

For further questions or assistance, contact your HP Large Format Media Specialist at 888-893-4668, or email [info@HPLFMedia.com](mailto:info@HPLFMedia.com).

