WINDOWMARK™

GF Concept Perforated vinyl films are easy to install because air is released through the perforations, and the perforated film conforms well to glass surfaces that are flat or have simple curves.

WINDOW CLEANING & APPLICATION TOOLS

- Mild soap and water
- Industrial-type, lint-free paper towels or clean, residue-free cloths
- Plastic squeegee (felt-edge squeegee recommended)
- Razor knife with new, sharp blade
- Tape measure
- Marking pen
- Isopropyl alcohol (85%) – optional
- Low-tack masking tape (1" to 2" wide) – optional
- Straight edge – optional
- Edge sealer – optional

READ FIRST! IMPORTANT APPLICATION POINTS

- Perforated films require a dry application method; do not use water or application fluids to apply the film.
- Make sure the glass surface is clean, dry and residue-free immediately prior to installation. Wash with mild soap and water, then dry the glass. Do NOT use solvent-based window cleaners, such as Windex®. If there is oily residue on the glass, use 85% isopropyl alcohol to clean it. Allow the alcohol to evaporate completely before attaching the film.
- Install the graphics within the recommended application temperature range — approximately 40° F (5° C) to 90° F (32° C).
- In cold weather, apply film in late afternoon, after windows have warmed up, or, in the case of a vehicle, in a garage or other enclosed area (with the vehicle engine turned off). Applying film to glass that is too cold may adversely affect the film's adhesion.
- In hot weather, apply film in early morning, while glass is still cool. Applying film to glass that is too hot can cause the film to stretch during installation.
- Perforated window films are designed to be installed on glass surfaces that are flat or have simple curves.
- If lamination is required, the use of an optically clear, compatible overlaminate, such as Concept® 242.
- The use of an incompatible overlaminate may result in partial delamination and/or adhesion failure, thereby adversely affecting the appearance, durability and performance of the overlaminate and window graphics.

IMPORTANT NOTICE TO BUS GRAPHICS INSTALLERS

Emergency exit doors and windows on buses and other vehicles must remain operational after pressure-sensitive graphics have been applied to the windows and doors.

INSTALLATION INSTRUCTIONS cont.

1. Measure the window graphic and trim excess film, if needed. Do not trim too close; final trimming is done after the graphic is in place.
2. Peel and fold back the top edge of the liner about 3 to 6 inches, depending on the size of the graphic, to expose the adhesive on the back. Press along the folded edge of the liner to form a crease.
3. Carefully position the film so that it is properly aligned on all sides, then press the upper corners in place using light pressure.
4. Using your hand or a soft plastic squeegee, lightly press the film in place. Working from the top of the graphic to the bottom, continue by peeling away more of the liner and applying light pressure to the film to attach it to the glass.
5. Continue in this manner until the liner is completely removed and the window graphic is in place. Finally, squeegee the film from the center and work outward in all directions.
6. Using a razor knife, trim away any excess film around the edges, being careful not to cut so deeply that you scratch the glass or damage any rubber window seals.

NOTES:

- Do not stretch the film as you attach it to the glass surface, and do not squeegee it down firmly until the window graphic is positioned correctly.
- If, after initial tacking, you find that the poster is misaligned, carefully lift the film off the window and re-position it. If wrinkles form, gently lift the film up and remove the wrinkles as you reapply the film, before squeegeeing it.
- For larger graphics, it may be easier to first attach a piece of masking tape to the top of the graphic before removing the liner to create a hinge. Once you're sure the graphic is positioned correctly, flip the graphic up, peel down the top portion of the liner, and begin tacking the graphic in place as described above.
- The use of an edge sealer may be needed on exposed edges and seams depending on the installation, such as vehicle window graphics.

ENSURING "SEAMLY" GRAPHICS

In the case of window posters that must be seamed together, install the two pieces so that the edges of the film butt against each other. Do not overlap seams or edges.

Another way of butting graphics panels is to print the image slightly larger where the graphics will be seamed together, then overlap the two pieces of vinyl slightly. Using a razor blade or utility knife and a straight edge, carefully cut through the vinyl where overlapped and remove the excess pieces of vinyl. Be careful not to cut so deeply that you scratch the glass. Finally, after confirming proper placement, squeegee the graphics in place.