

General preparation and application Instructions for using Monomeric Adhesive Vinyl

General Recommendations:

- **Best surface:** Monomeric Pressure sensitive films are best applied to Smooth Flat surfaces such as; sign boards, aluminum, steel, glass, hardboard, laminated wood, painted enamel, and different kinds of plastic. Of note; Many plastics contain plasticizers and other components that migrate, which can compromise the adhesive.
- **Cleaning:** Clean application surface. mild soap or other non-residue cleaning solution. Rinse and dry with lint free cloth. Clean the surface immediately prior to applying a graphic. (Note: Isopropyl alcohol can be used on certain surfaces as an alternative Cleaning agent). Avoid soaps or preparations that contain waxes, oils, lotions or conditioners. Allow to dry thoroughly before proceeding.
- **Test:** Perform an adhesion test on small (non-descript) location to which a graphic will be applied.
- **Prep/Prime surface:** Wipe surface with isopropyl alcohol. Adhesion promoter can be used especially on edges, Curves and depressions to insure good adhesion. Application temperature should be 45° F or above.
- **Shipping:** Best method of shipping is to lay graphic flat between protective board. If it is necessary to roll graphic, please wind onto core to prevent the Liner from Tunneling or Graphic from wrinkling. Always roll with the print side facing out.

Application:

- **Laminator:** Using a laminator for mounting PSA Vinyl to rigid material is usually the best method. Follow cleaning, test and Prep/Prime instructions. Please consult and follow Laminator Manufactures mounting instructions.
- **Field installation Graphic application:**
 - DO NOT Stretch or excessively pull on Monomeric Vinyl when installing.
 - Clean and dry the application surface. Try to Keeping fingers away from the adhesive.
 - Use a plastic or felt squeegee to apply a film to an application surface. A small amount of water on the (FRONT) surface will allow squeegee to slide and avoid hairline scratches on the film.
 - Align and level graphic to application surface. About and 1-2 feet below top of the panel tape on the left and right edges with tape creating a strong hinge point.
 - Flip the top of graphic down and peel liner away from graphic to hinge point and cut just the liner away using a sharp utility knife slightly above hinge point. Note: You will now have the adhesive exposed and facing out at the top of the graphic.
 - If the surface is very smooth like Glass or metal apply Application fluid to surface to avoid bubbles or to avoid using application fluid use an air release adhesive (Bubble Free) print vinyl.
 - Flip the top of the graphic up but hold away so the adhesive does not come in contact the receiving surface, start applying graphic to the surface by working up from hinge point with a felt

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squeegee carefully working away from the center outward toward each edge. Do not pull or Stretch material

- Once the top of the graphic is applied remove the tape on the left and right.
- To finish the panels application, now flip up or reach under the bottom of the graphic to the edge of the liner that was previously trimmed away. Peel the liner away from the graphic exposing another two feet of the adhesive and apply to surface now working from top down. (Important; DO NOT apply with high tension or pull strongly down on liner or graphic this will cause stretching) Continue to apply to the surface in this manner until the entire panel is installed.
- Note; Final adhesion level will occur 24 - 48 hour after application.
- **Bubbles:** If any air/fluid bubbles occur, puncture with a pin or needle and smooth down with squeegee.
- **Edge Seal:** Sealing the edges of the decal will provide maximum durability and protection. Edge sealing is commonly recommended for outdoor applications. A liquid seal, edge tape or cast laminate cut into ½ stripe are all viable options depending on the application.
- **Removal:** If easy removability is required use a removable adhesive Vinyl instead of Permanent Adhesive. Decals can be removed by inserting a sharp knife or razor under a corner of the decal and peeling the film very carefully. If decal is difficult to remove or leaves adhesive residue, a Heat Gun, Torch or Commercial Steamer can be used to soften the glue. The decal may not peel off in one piece, but the object is to remove in fairly decent size strips. It is not uncommon for some adhesive residue to remain on application surface. This can be removed by picking with the pressure-sensitive side of the removed decal. If this proves unsuccessful, a common adhesive remover (Goo -Gone, Goof-Off) or mild solvent/thinner (Bestine) may be used to clean what remains. Note: Check application surface for compatibility by pretesting any chemicals/cleaning agents or using any heating elements on application surface.