

# Specification / Imaging Guide

## Vinyl Gloss (VG4)

A flexible, calendered, white vinyl film with a permanent, pressure-sensitive, acrylic adhesive that is backed with a two-sided, poly-coated, lay-flat release liner.

### Specifications

<b>Basis Weight</b> (Total)	301 g	<b>Whiteness</b>	90	<b>Printer Compatibility</b>
<b>Caliper</b> (Mils) vinyl	3.5	<b>Opacity</b>	90	HP, Encad, ColorSpan
<b>Caliper</b> (Mils) total	10	<b>Gloss</b>	97	

### Application Suggestions

This calendered vinyl's ability to smooth around irregular surfaces makes it perfect for decals and vehicle graphics. A variety of other applications are also available to this media, such as window signage, advertising, P-O-P displays, promotional signs (short-term indoor), directories and billboards.

### Imaging Guidelines

**Printing:** VG4 can be used on a wide variety of printers with dye-based inks. Print dry time is approximately 10 minutes from most printers listed. Ink saturation should not exceed 200 percent.

**Media Handling:** Media should be allowed to acclimate for 24 hours in the printing environment before use. The use of cotton gloves when handling may prevent transfer of oil and dirt to the print surface which could affect print quality.

**Storage / Printing Environment:** It is recommended to store and print on this media in a controlled environment at a temperature between 50 - 85° F and a relative humidity between 30 - 65 percent.

**Printer Settings:** Printer and RIP software may need to be calibrated for optimum quality. For HP DesignJet printers, choose "Opaque Vinyl" for the media setting.

### Finishing Recommendations

**Lamination:** This media is compatible with pressure-sensitive lamination films and ProTect lamination spray. It has been tested with various types of PSA lamination films and no incompatibilities were found.

**Laminators:** As a guideline, we recommend laminating with PSA films and using a heat-assist of approximately 80° F on the top roller at a speed of around 3 fpm. These specs can greatly vary from machine to machine and can also be affected by your environment.

**Mounting:** The following surfaces are recommended for use with this adhesive product - aluminum, ABS, plexiglas, glass, polycarbonate, stainless steel and automobile enamel. This media is intended for smooth surfaces and should not be applied over rivets or textured surfaces. You should always pretest the substrate you intend to apply to before actual installation. A well-cleaned and dried surface is recommended.

**Installation:** When applying vinyl to a substrate, installation should not occur below 50° F.

**Handling:** When laminating with a PSA laminate, a curing time of 24 hours is recommended in order to allow the adhesive to achieve optimum strength.

**Shipping / Delivery:** When preparing a piece to transport, roll the laminated image print-side out as **LOOSE** as possible; this will help avoid tunneling.

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