

Specification / Imaging Guide

Vinyl Matte (VM4)

Backed with a two-sided, poly-coated, lay-flat release liner, VM4 is a flexible, calendered, white vinyl film with a permanent, pressure-sensitive, acrylic adhesive.

Specifications

Basis Weight (Total)	301 g	Whiteness	90	Printer Compatibility
Caliper (Mils) vinyl	4	Caliper (Mils) total	10	HP, Encad, ColorSpan

Application Suggestions

VM4 is a versatile product that can be used for a variety of permanent indoor signage applications; including vehicle graphics, billboards, directories, P-O-P displays and advertising. In addition, it is perfect for decals and window signage.

Imaging Guidelines

Printing: VM4 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 lamination films and laminates well even when printed on HP printers. No incompatibilities were found.

Laminators: When laminating with PSA films, a heat-assist of approximately 80° F on the top roller at a speed of around 3 fpm is recommended. 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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