



Metallized special effects films have always been popular for decorating race cars, billboards, and short-term promotional signage. The distinctive look of these eye-catching films adds value to their designs, so their signs will command higher selling prices and profits!

Vinylefx® colors are through-and-through the vinyl — NOT laminated or top coated. Unlike cold-embossed polyesters, our fade-resistant films are hot-embossed, which produces deeper, better defined patterns.

RTape Vinylefx® Decorative Series is exceptionally suited for general purpose signage applications and a cut above other “special effects” films thanks to a proprietary deep-embossing technology that provides a crisper three-dimensional appearance to each pattern. Because the Vinylefx® Decorative Series is vinyl, not polyester, they require no top coating prior to printing! They print, cut, weed and handle just like intermediate vinyl!

Our Vinylefx® Outdoor Durable Series, which provides up to three years of outdoor life, is comprised of a variety of cost-effective simulated metal, light-diffracting and 3-D patterns, designed for long-term outdoor signage. For demanding applications such as truck and boat graphics, the Vinylefx® Durable Series films provide a superior alternative to the expensive simulated gold-leaf films.

PRODUCT	WIDTH 15”P PRICE PER YARD			WIDTH 24” PRICE PER YARD			WIDTH 48” PRICE PER YARD		
	1-9yds.	10yds.	50 yds.	1-9yds.	10yds.	50yds.	1-9yds.	10yds.	50yds.
SMOOTH CHROME SILVER	14.95	9.75	8.25	14.95	12.75	10.75	-	24.30	19.25
SMOOTH CHROME GOLD	17.75	11.25	9.75	17.95	14.95	12.85	-	28.70	22.95
BRUSH SILVER	17.75	11.25	9.75	16.95	14.45	12.75	-	28.70	22.95
BRUSH GOLD	18.50	13.30	11.40	19.85	16.95	14.95	-	33.90	28.50
LARGE ENGINE TURN GOLD 1”	18.50	13.30	11.40	19.85	16.95	14.95	-	33.90	28.50
SMALL ENGINE TURN GOLD 1/4”	18.50	13.30	11.40	19.85	16.95	14.95	-	33.90	28.50
FLORENTINE LEAF GOLD	18.50	13.30	11.40	19.85	16.95	14.95	-	33.90	28.50
HAMMERED LEAF GOLD	18.50	13.30	11.40	19.85	16.95	14.95	-	33.90	28.50
DIAMOND PLATE SILVER	15.95	11.25	9.75	16.95	14.45	12.75	-	28.70	22.95
CARBON FIBRE SILVER	15.95	11.25	9.75	16.95	14.45	12.75	-	28.70	22.95
CARBON FIBRE BLACK	18.50	13.30	11.40	19.85	16.95	14.95	-	-	-

USING APPLICATION TAPE & PREMASK

For plotter cut VinylEfx lettering and graphics, use a high tack application tape such as R Tape Aplitape™ 4075, 4076, 4775, or Conform® 4075RLA, 4076RLA, 4775RLA, 4776 RLA or Clear Conform AT 42RLA or Clear Choice® AT 75. A mid tack tape, such as R Tape's Clear Choice AT 60 works well for medium sized VinylEfx lettering.

For digitally printed (eco-solvent or solvent inkjet) and UV screen printed wide format graphics, use a low tack premask, like R Tape DigiMask®, DigiMask Plus, or DigiMask Clear. DigiMask products are designed to remove cleanly from the printed image and not damage the print.

After applying the application tape, turn the graphic over so the application tape is face down. Peel the liner from the vinyl, rather than pulling the vinyl off the liner.

VinylEfx films handle and can be applied just like intermediate vinyl with dry application. However, since the permanent acrylic adhesive on VinylEfx films is not repositionable, using the "Hinge Method" during installation is a recommended option.

Firm squeegee pressure is important to create a bond to the substrate. Maintaining good squeegee pressure is also critical in forcing air bubbles from under the vinyl.

Remove the application tape after final application by pulling it against itself at a 180° angle.

After removing the application tape, always re-squeegee the entire graphic, especially the edges and overlaps to prevent edge lifting. Re-squeegee over a piece of release liner with the silicon (shiny) side down to prevent scratching the VinylEfx film. Use a low-friction sleeve on your squeegee.

PRODUCT WARRANTY

All R Tape products are subject to continuous quality control throughout the manufacturing process and are under warranty to be free from manufacturing defects. R Tape stands behind its products and will replace for credit any defective material. Because R Tape products are used for a variety of applications, the purchaser is responsible for determining the suitability and performance of this product for their specific purpose prior to use, and the purchaser shall assume all risks regarding such use.



Outdoor durable VinylEfx gives you a creative edge for both commercial and personal vehicles wraps

Graphic Commerce Ltd.
1200 Aerowood Drive, Units 17 & 18
Mississauga, On L4W 2S7
Phone: 905-624-3124
Toll free 1-800-543-2796
Fax - 905-624-3653
email - info@graphiccommerce.com
web site - www.graphiccommerce.com

RESPONSIVE.

RELIABLE.

RESOURCEFUL.



VinylEfx®
Metalized Vinyl
R TAPE®



Use VinylEfx for displays, store design and POP



VinylEfx easily adds rich metallic luster to signs

PRINTING, CUTTING & INSTALLATION INSTRUCTIONS

QUICK REFERENCE GUIDE

1. Apply only to clean, smooth non-porous surfaces.
2. Only apply dry – never wet!
3. Use ICC Printer Profile for High Gloss Vinyl at Low Temperature (35-40°C)
4. Cut a 1/4" (6mm) border around eco-solvent or solvent inkjet printed images to help prevent edge curl. Butt cutting or cutting into the printed graphic could cause edge failure.
5. Use VinylEfx Outdoor Durable products for applications requiring more than six months exterior life. Outdoor durability will vary depending on finishing and exterior conditions. Use of a UV protective clear coat or PSA overlaminating film will extend outdoor durability.
6. Don't guess...Test!

Detailed Tips and Instructions are inside.

THANK YOU FOR CHOOSING VINYLEFX!

R Tape VinylEfx Metalized Vinyl Media can make your graphics, signage, POP, exhibits, and store interiors sparkle with the rich look of metallic films and special textures. Both the Outdoor Durable Series and the Decorative Series of films resist most marring and stains, and print, cut, weed, & handle just like intermediate vinyl!

VinylEfx Decorative Series provides indefinite indoor life and approximately six months to one year exterior life. Use of a UV protective clear coat or PSA overlaminating film typically extends outdoor durability. However, VinylEfx Decorative Series products are not under warranty for exterior applications.

VinylEfx Outdoor Durable Series provides 3 to 5 years of exterior life, depending on environmental conditions, installation procedures, finishing, and product suitability to the intended application. Durability may vary. Edge sealing is necessary for applications subject to demanding conditions, such as exposure to drastic weather or climate, marine or winter craft installations, etc. Edge Sealing and applying a UV clear coat, or using a PSA UV overlaminating film provides added protection and durability.

CUTTING INSTRUCTIONS & TIPS

SIGN PLOTTERS

Use a sharp 45 blade at slow cutting speeds for best cutting results.

Optimal cutting pressures vary depending on plotter manufacturers. Do a test cut.

Cutting pressure is similar to intermediate vinyl.

THERMAL DIE

Cut at heat settings between 295 and 300°F (146-149°C), and at dwell times between ¼ and ½ second.

Thermal die cut decals have slightly raised edges, which are prone to edge lifting. Edge sealing provides additional protection.

PRINTING INSTRUCTIONS & TIPS

All VinylEfx patterns are printable using Solvent Ink Jet Printers, Eco-Solvent Ink Jet Printers, Thermal Transfer Systems, UV Screen Print Inks, and Flexographic Printers, and can be embossed and domed! Waterbased inks will not adhere properly.

Don't guess...Test! Always test the vinyl with the ink system for compatibility prior to production.

PRINTER PROFILE SETTING

White Intermediate High Gloss Vinyl at Lower Temperature (35-40°C). Settings may vary from one printer to and/or ink system to another

Humidity and temperature control are critical! Make sure the vinyl is at room temperature (70°F/21°C) prior to printing. Colder temperatures could extend ink curing time. Refer to ink manufacturer specifications prior to premasking, overlaminating and installing.

Wiping down VinylEfx with a lightly moistened towel prior to printing helps remove dust and other contaminants.

PRINTING TEMPERATURE SETTINGS

Use lower heat settings (35-40°C) to help prevent tunneling and edge curling. Using high temperature during the heating process to cure inks can cause VinylEfx films to expand and contract on the release liner.

If using UV curing lamps, reduce the heat level and increase belt speed if the temperature inside the reactor is over 150°F. UV lamps emit intense heat, which can distort and shrink VinylEfx films. Measure heat inside the curing unit with heat tabs or thermal gun.

CUTTING ECO-SOLVENT & SOLVENT PRINTED GRAPHICS

IMPORTANT: Cut around your printed image leaving approximately a ¼" (6 mm) border to minimize shrinking. The size of the border can be increased or decreased based on the image size and ink saturation. Don't guess...Test! Do not cut into printed image.

Heavy concentrations of ink, especially eco-solvent inks, will also contribute to shrinking and curling of the vinyl.

INSTALLATION INSTRUCTIONS & TIPS

VinylEfx films are suitable for general purpose signage applications on CLEAN, SMOOTH, NON-POROUS, FLAT, VERTICAL SURFACES.

If the application surface has seams (such as vehicle doors), you must cut the vinyl along these seams. After cutting the film, use the edge of your squeegee to tuck the vinyl into the panel seam. VinylEfx will not conform well around compound curves or rivets.

Some substrates are problematic and could cause adhesion problems. For information on special adhesive systems designed for these unique applications, call R Tape Customer Service at 1-800-440-1250. Please note the following about substrates:

- VinylEfx will not adhere well to untreated low-energy surfaces, such as polyethylene and polypropylene.
- Some clear coats and automotive paints contain additives to repel dirt, grime, etc., which can cause adhesion problems.
- VinylEfx and other metalized films (reflectives and polyesters), are not recommended for application to untreated metal surfaces. Dissimilarity of metals can result in galvanic corrosion.
- Know your paint system. Each paint formulation is different. Some contain additives like wax and silicone, which can cause adhesion problems.
- Make sure paint system is fully cured. If not, outgassing will occur and cause bubbles underneath the vinyl. Follow the paint manufacturer's instructions for curing time.
- When applying VinylEfx to another vinyl, a premium cast vinyl is recommended. The plasticizers in many intermediate vinyls can cause bubbles and adhesion problems later.

Clean all substrates prior to application. If the surface is not cleaned properly, the vinyl will not stick.

Apply graphics at temperatures of 70°F (21°C) or above for optimal results. Pressure sensitive vinyl may resist sticking immediately to very cold surfaces.

DO NOT APPLY WET. VinylEfx films must be applied dry. Warranty is void under wet application conditions

Edge seal exterior graphics to enhance durability. Applying a UV clear coat or PSA UV overlaminating film will provide added protection.

Demanding applications such as printed fleet graphics and those exposed to heavy handling or extreme conditions must be clear coated or overlaminated.

VinylEfx graphics should be washed with a mild detergent and soft cloth. Strong cleaning chemicals, high pressure washing and hard bristle brushes will cause damage.



VinylEfx[®]

Metalized Vinyl

GALLERY

