

Product Data Bulletin



GF40 Unsealed Substrate Removable Graphic Films (suitable for most outdoor applications)

Product Description:

GF40 Series Outdoor Surfaces Removable Graphic Films are 2.0-mil pressure sensitive films developed for use on sidewalks, roadways and other outdoor unsealed surfaces. These digitally printable graphic films are used as short term promotional films that conform to the surface textures of the substrates they are applied to, giving them the look of permanent painted graphics, rather than applied signs or decals. No over laminate is needed on these graphic films, and they exceed Coefficient of Friction requirements under ASTM C-1028, ASTM D2047, ANSI B101.1 testing; UL Approved.

Applications and End Uses:

GF40 series films are intended for use as a short term graphic films that are printable by solvent, and most eco-solvent, mild-solvent or, screen printing using solvent inks.

The outdoor advertising market has grown in recent years as advertisers look for economical ways to reach more consumers, and regionalize their message. An underused promotional space could be right at your feet! Some uses for the GF40 Series Outdoor Surfaces Removable Graphic Films include:

- Retail Promotions, such as product promotions and sales displayed outdoors on sidewalks and in parking lots, reaching the customer before they enter the location
- Outdoor Event Advertising, such as at Concerts, Fairs and Outdoor Sporting Events
- Temporary Way finding Signage, such as at Convention Centers, Schools, and Public Buildings
- Temporary Directional Markings in Parking Lots, and on Streets and Sidewalks
- Indoor Rough Surface Applications such as Plant Floor Marking and Customer Welcome Signage on unsealed surfaces only.
- Outdoor Vertical Surface Application such as on concrete walls and barriers

Physical Properties

Face Film	2.0mil ; NON-PVC ; Combination of Proprietary Polymers.
Adhesive	PSA Acrylic; Permanent Type.
Liner	90 lb. Layflat Release Liner.
Application Temperature Range	50 deg.F to 110 deg.F
Dry Static Coefficient of Friction (ASTM C-1028, ASTM D2047, ANSI B101.1)	White – 0.68 / Clear – 0.72
Wet Static Coefficient of Friction (ASTM C-1028, ASTM D2047, ANSI B101.1)	White – 0.69 / Clear – 0.68
Peel Adhesion, lb./in (180° on Polyester Film; PSTC-101)	Initial: 3.50; 24 Hr: 4.50; Ultimate: 5.50.
Shear Adhesion (on Polyester Film; PSTC-107)	Shear (hold) to 20 hours at 70°F. No failure.

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Instructional Bulletin #1001
Product Data Bulletin GF40
Rev B - 07/2009

Printing:

These products are designed to be imaged using wide format solvent-based, eco-solvent, and screen printed using solvent-based inks, as well as UV curable systems.

Other Manufacturing Processes:

The use of an “application”, or “transfer” tape is necessary during application, and makes positioning easier. GST has developed our AT575 application / transfer tape specifically for use with the GF40 product.

We do not recommend the use of an over laminate on GF40 Series products.

Shipping and Storage:

We recommend that finished street graphics be shipped flat, or rolled graphic side out on a 6” core to help prevent wrinkling or separation from the release liner.

Durability:

The outdoor durability of the GF40 Series Outdoor Surfaces Removable Graphic Films is warranted for up to 3 months under normal pedestrian and vehicular traffic applications.

Application and Removal:

Installation Instructions for GF40 Series Outdoor Surfaces Removable Graphic Films are readily available on our website.

Shelf Life:

GF40 Promotional Films have a warranted shelf life of 1 year from date of manufacture when stored in conditions of 60° F - 80° F and 50% Relative Humidity in their original packaging. Rolls and sheets should always be stored flat or horizontally.

All removed product must be disposed of in accordance with local applicable ordinances.