

Installation Instructions



GF40 Series Outdoor Surfaces Removable Graphic Film

Product Description:

GF40 Series Outdoor Surfaces Removable Graphic Film is a 2.0-mil pressure sensitive film developed for use on sidewalks, roadways and other outdoor unsealed surfaces. This digitally printable graphic film is used as a short term promotional film that conforms to the surface texture of the substrate it is applied to, giving it the look of a permanent painted graphic, rather than an applied sign or decal. No overlamine is needed on these graphic films, and it exceeds Coefficient of Friction requirements under ASTM C-1028, ASTM D2047, ANSI B101.1 testing; UL Approved.

Applications and End Uses:

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

Graphic Preparation:

After printing, the graphic should be allowed to dry (cure) completely. Screen printed graphics should be allowed to dry (cure) 24 hours at room temperature. If hot air drying is available, the time is reduced accordingly.

The use of an “Application” or Transfer” Tape is required for stability and ease of handling in application. GST AT575 has been specifically designed and formulated to be used with the GF40 products.

Preparing the surface:

Apply to unsealed surfaces only. Sealed surfaces will create a stronger bond with the adhesive, and make it difficult to remove.

Some exterior surfaces are highly dimensional, and will require the use of a soft roller or brush to force the film into the voids. A standard rivet brush can be used. ***Slight cracking of the film in these areas is normal.*** This cracking allows the film to adhere deep into the substrate and gives the appearance of a printed surface, rather than an overlaminated vinyl sheet or sticker. See our instructional installation video on our website at www.GST-Permorable.com.

GF40 Series Outdoor Surfaces Removable Graphic Film will not adhere properly to loose, crumbling, wet or damp surfaces. Ensure that the surface is in good structural condition before application.

Allow the area to dry completely, and remove any loose dirt or debris using a brush or vacuum. The adhesive will not adhere to a damp or wet surface.

Preparing the surface: (cont)

A clean, debris free surface is critical to good adhesion of the product. Make sure that the application surface is free of grease and oil residue. If needed, the area should be cleaned using a cleanser designed for removal of petrochemical residue and allowed to dry completely before film application.

For best product adhesion, the surface temperature should be at least 50°F/10°C. Higher temperatures allow the adhesive to bond better with the surface.

Application:

To apply the graphic to the prepared and clean surface, start by aligning the film in place, and tape one edge if desired, forming a hinge. Top hinge, center hinge or other preferred methods of application work best, especially for larger sized graphics.

Remove the Release Liner from the hinged edge of the graphic, and adhere it to the surface. Using a squeegee or roller, work from the center of the graphic outward using firm, even pressure to minimize air bubbles. Continue to remove the liner, and working in small, overlapping motions, adhere the rest of the graphic to the surface.

Use a soft roller or stiff bristle brush (such as a rivet brush) to work the film down into the surface. Remove the application/transfer tape by starting at one corner of the graphic. The use of our AT575 low tack application/transfer tape will make this step simpler, as the adhesion value of the application tape will be less than that of the film to the substrate. Peel back the application/transfer tape slowly at a 180° angle to the graphic itself.

Once again, burnish the graphic into the surface texture by using a soft roller or cloth. This will help the film conform to the surface texture. Slight cracking will occur as the film is pressed into deeper voids. This is normal, and allows the film to give the look of a printed or “painted on” surface, rather than of an overlaminated vinyl graphic or decal.

Film may be walked on or driven on after 30 minutes however a stronger bond will develop over time. The graphic should not be “twisted” under foot or with car tires.

Removal:

Removal of the graphic is accomplished by using a power washer or high adhesion removal tape. The removal tape will pull the graphic from the surface. This removal method will dislodge the graphic from the ground surface.

Removal tape should be applied to the face of the graphic, and burnished onto the surface such that it makes direct contact with all of the film to be removed. Once the removal tape is firmly applied, it can be pulled slowly from the substrate at a 135° angle to the graphic, removing the graphic. Any remaining graphic chips can be pulled off by reapplying an unused area of the Removal Tape. After prolonged use on very rough surfaces, the use of a high pressure spray (3,000 PSI or greater with a 25 degree nozzle) may be necessary. If a high pressure washer is used, the remaining film flakes can be swept up and disposed of properly. The GF40 Series Outdoor Surface Removable Graphic Films are non-PVC products, and are all considered eco-safe (ground water neutral).

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

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PRODUCT REMOVAL AND DISPOSAL DISCLAIMER

THE REMOVAL AND DISPOSAL OF ALL PRODUCTS MUST BE DONE IN ACCORDANCE WITH THE WRITTEN PROCEDURES PROVIDED BY PERMOVABLE WITH THE PRODUCT AND/OR AVAILABLE ON THE COMPANY'S WEBSITE AT WWW.GST-PERMOVABLE.COM (THE "REMOVAL PROCEDURE"). UNDER NO CIRCUMSTANCES SHALL PERMOVABLE OR ITS AFFILIATES BE LIABLE FOR ANY CLAIMS, DAMAGES OR EXPENSE ASSOCIATED WITH A CUSTOMER'S FAILURE TO FOLLOW THE REMOVAL PROCEDURE.

FOR ANY QUESTIONS ASSOCIATED WITH THE REMOVAL PROCEDURE, PLEASE CONTACT PERMOVABLE'S CUSTOMER SUPPORT LINE AT (888) 533-2257.