



G-Floor Graphic is a Durable Vinyl Floor Graphic material suitable for a wide range of applications from P.O.P, Architectural, Automotive and ASI applications. Specifically designed for all types of printers both solvent and UV curable. G-Floor is best suited for Second Surface print viewing offering the most durable material layer in the industry.

## USER INFORMATION

While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. See full disclaimer at the end of this document.

- TEXTURES** Diamond Tread, Levant, Coin, Ceramic, Wood Grain, Ribbed
  
- APPLICATION**
  - \*Retail / POP
  - \*Sports Arenas
  - \*Movie Theaters
  - \*ASI Applications
  - \*Trade Shows
  - \*Locker Rooms
  - \*Show Rooms
  - \*Truck Beds
  - \*Convention Centers
  - \*Bar/Restaurants
  - \*Anti Fatigue Mats
  - \*Race MatsStand alone or backed with adhesives.
  
- ENVIRONMENTAL CONSIDERATIONS** Material Temperature Range for application considerations. -15 to 160 degrees F
  
- OPTIMUM PRINT TEMPERATURE RANGE** 65 to 110 degrees F  
**Printers Note:** Cooler temperatures can slow the recovery rate for the material to lay flat resulting in a “wavy” material lay down. Warming material will quickly bring it to a relaxed state for optimum printing characteristics. For best results let material acclimate to room temperature prior to printing.
  
- MATERIAL THICKNESS** .075” base thickness.
  
- PRINT OPTIONS** G-Floor is designed for the Digital and Screen Printing processes. Other processes may apply with customer approved testing results.  
**Digital:** Flatbed and Roll to Roll formats with no less than .060” max material thickness tolerance. Inks considerations; Solvent and UV curable approved for vinyl substrates. Ink Curing recommendations no more than 180 degrees F. Excessive heat from UV curing systems can cause a cupping effect to material. Speeding up print carriage and/or decreasing number of passes will resolve excessive heat related issues.  
**Screen Printing:** For both Solvent and UV Curable coatings approved for vinyl substrates. Ink Curing recommendations no more than 225 degrees F. Recommended to cure at highest speeds possible thru curing units. Caution, material can be damaged with over excessive heat from curing or excessive bed temperature. UV Screen Print: 60 durometer or 70 durometer squeegee, 305-355 mesh plain weave. Solvent Screen Print: 60 durometer or 70 durometer squeegee, 155-230 mesh plain weave.

## WEATHERING / DURABILITY

5 year durability. This is material only. Imaging durability is ink related as to MFG specs. BLT offers no expressed warranties on custom imaging. End User must determine Outdoor durability is suitable for their end use. Extend exposure to water may cause temporary material clouding. Material will return to clear once dry.

## WHITE BACKER

The best possible application of white for image contrast is achieved with a direct print on UV printing equipment. When white option is not available on UV printer we recommend our 19161 GFG H20 Backer White product (GFGH2OWH). Product can be sprayed with airless sprayer and or rolled applied with common paint rollers. We recommend the foam type roller over the nap variety to reduce air bubbles during application. When rolling, apply thin even coats. May require multiple layers for best results.

## FINISHING

Flatbed finishing equipment with Reciprocating Knives recommended. Excessive heat from Routing may cause material to produce an undesirable edge. Routing is not recommended. Cold Steel Rule Die Cutting is approved.

## TESTING DATA

Typical Properties Clear Ceramic (.075")	ASTM Method	
Specific Gravity. (+/-0.02)	1.30	D-792
Hardness, Shore A (+/-3)	95.4	D-2240
Tensile, PSI	2613	D-412
Elongation, %	210%	D-412
100% Modulus, PSI	2034	D-412
Brittle Point, C	-15	D-746
Surface Flammability	>3	D-2859
Abrasion Resistance	0.10 Loss	D-3389
Coefficient of Friction	1.04 Dry	C-1028
	0.94 Wet	C-1028

## MATERIAL SIZES AND WEIGHTS

4' x 8' Sheet/Roll	16 lbs.
5' x 10' Sheet/Roll	25 lbs.
5' x 25' Roll	65 lbs.
10' x 25' Roll	125 lbs.
10' x 50' Roll	250 lbs.

*Better Life Technology® stands behind the quality of this product. BLT® cannot, however, guarantee the finished results because BLT® exercises no control over individual operating and production procedures. While technical information and advice on the use of this product is provided in good faith, the user bears sole responsibility for selecting the appropriate product for their end use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item's entire life cycle from printing, post print processing, and shipment to end use. This product has been specially formulated for screen and digital printing, and it has not been tested by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from BLT®.*