

TECHNICAL DATA SHEET

GF 210 TRAFFIC GRAFFIC®

3.4 MIL MATTE WHITE VINYL CLEAR REMOVABLE ADHESIVE

GF 210 is a 3.4 mil polymeric matte white flexible calendered vinyl film with a removable high performance pressure sensitive acrylic adhesive on a 90# layflat liner. This film is designed to accept a variety of solvent-based, eco-solvent, latex and UV curable inks common to wide format digital printing systems. The 90# liner offers excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics. The combination of vinyl and adhesive allows removability of the film from most common commercial tile floors for up to 6 months under normal conditions.

PRODUCT NAME	210
FILM	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ μ m)	3.4 / 86 (+/- 10%)
Film Weight (gsm)	120
Gloss (60°)	≤ 20
Opacity (%)	93
Tensile Strength (lbs/in)	MD ≥ 3000 / CD ≥ 2600
Elongation (%)	MD ≥ 90 / CD ≥ 150
Dimensional Stability (FTM 14)	MD ≤ 0.05 mm / CD ≤ 0.50 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	0.09-0.3 / 0.4-2.2
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	0.09-0.5 / 0.4-2.2
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (#/gsm)	6.7 / 170
Release Force @ 300" / min (g/2")	80-130
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +40$ °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Indoor Durability	Up to 5 years
Removability	Up to 6 months

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <ul style="list-style-type: none"> ● WET APPLY ● DRY APPLY ○ LAMINATING ○ MOUNTING ● DIE CUTTABLE ○ HOT STAMP ○ THERMAL DIE ● FLATBED CUTTABLE 	<ul style="list-style-type: none"> ● POP/RETAIL ○ WALL ○ WRAP ○ WINDOW ● FLOOR ○ TRANSLUCENT ○ FLEET ● GENERAL SIGNAGE ● INDOOR ○ OUTDOOR 	<ul style="list-style-type: none"> ● SOLVENT ● ECO-SOLVENT ● LATEX ● UV CURABLE ● SCREEN ● OFFSET (UV CURABLE) ○ OFFSET (CONVENTIONAL)
SUBSTRATES* <ul style="list-style-type: none"> ● TILE (SMOOTH) ● CONCRETE (SMOOTH) ● VINYL (SMOOTH) ● CEMENT (SMOOTH) ● STONE/MARBLE (SMOOTH) ● WOOD (SMOOTH) 		

**In every application where a "sealant" is called for, the floor finish (sealers, coating, paint, etc.) must be firmly attached to the subfloor.*

FAQS	
What applications are GF 210 intended for?	GF 210 Traffic Graffix® is designed for temporary floor signs, decals, and point of purchase advertising. A laminate is required to provide protection to the graphics. UL 410 approved overlaminates for slip resistance are GF 109, GF 211, GF 213 and GF 217.
Can I use GF 210 on a floor without lamination?	No. Laminates are needed to ensure non-slip properties of printed graphic.
Can I leave the graphic on the floor past 6 months?	The graphic will stick to the surface and clean remove up to 6 months. Note that after 6 months the graphic will require increasingly more force to remove.