

**TECHNICAL
DATA
SHEET**

GF 217 TRAFFIC GRAFFIC®

3.0 MIL GLOSS CLEAR VINYL FLOOR LAMINATE CLEAR PERMANENT ADHESIVE

GF 217 is a 3.0 mil gloss clear laminating vinyl designed for use as an economical slip-resistant protective laminate for Traffic Graffice® decals on tile or carpet. It has a permanent acrylic pressure sensitive adhesive formulated for exceptional clarity. This product is Intended as a laminate in the Traffic Graffice® line for high-traffic area floor graphics. The laminate can also be used for decals, table and counter top applications. GF 217 has been rated for slip resistance based on multiple testing methods.

PRODUCT NAME	217
FILM	
Film Type	Clear Monomeric Vinyl
Film Thickness (mils/μm)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	98
Gloss (60°)	≥80
Opacity (%)	N/A
Tensile Strength (psi)	MD ≥ 4000 / CD ≥ 3800
Elongation (%)	MD ≥ 180 / CD ≥ 200
Dimensional Stability (FTM 14)	MD ≤ 1.20 mm / CD ≤ 1.00 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/μm)	0.8-1.1 / 20-28
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.8 / 17
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	5.0 / 20
LINER	
Liner Weight (#/gsm)	53 / 86
Liner Type	White PE-Coated 1 side Kraft
Liner Thickness (mils/μm)	3.5 / 89
Release Force @ 300" / min (g/2")	10-40
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Indoor only
CERTIFICATIONS & RATINGS	
Slip Resistance	<ul style="list-style-type: none"> · UL 410 - Classified as Slip Resistant · AS HB198:2014 (AS/NZS 4586) - Dry PTV: 79, Wet PTV: 18 · ANSI A137.1/A326.3 - Dry DCOF: 0.96, Wet DCOF 0.24

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p>APPLICATION</p> <ul style="list-style-type: none"> <input type="radio"/> WET APPLY <input checked="" type="radio"/> DRY APPLY <input checked="" type="radio"/> LAMINATING <input type="radio"/> MOUNTING <input checked="" type="radio"/> DIE CUTTABLE <input type="radio"/> HOT STAMP <input type="radio"/> THERMAL DIE <input checked="" type="radio"/> FLATBED CUTTABLE 	<ul style="list-style-type: none"> <input checked="" type="radio"/> POP/RETAIL <input type="radio"/> WALL <input type="radio"/> WRAP <input type="radio"/> WINDOW <input checked="" type="radio"/> FLOOR <input checked="" type="radio"/> COUNTER <input type="radio"/> TRANSLUCENT <input checked="" type="radio"/> GENERAL SIGNAGE <input checked="" type="radio"/> INDOOR <input type="radio"/> OUTDOOR 	<ul style="list-style-type: none"> <input type="radio"/> SOLVENT <input type="radio"/> ECO-SOLVENT <input type="radio"/> LATEX <input type="radio"/> UV CURABLE <input type="radio"/> SCREEN <input type="radio"/> OFFSET (UV CURABLE) <input type="radio"/> OFFSET (CONVENTIONAL)
<p>SUBSTRATES</p> <ul style="list-style-type: none"> <input type="radio"/> OEM PAINTED METAL <input type="radio"/> PAINTED ALUMINUM <input type="radio"/> STAINLESS STEEL <input checked="" type="radio"/> PRINTED GRAPHICS <input type="radio"/> ACRYLIC 		

FAQS	
What types of applications are GF 217 good for?	GF 217 is intended for use in producing Traffic Graffix® floor decals as well as counter mats, mouse pads, and other graphic applications.
Does GF 217 bond to all ink types?	The permanent adhesive is formulated to adhere to most common printing inks. Test before production.
Can I use GF 217 with any base vinyl?	Yes, although for UL approved Traffic Graffix® floor applications you must pair GF 217 with either GF 210 (tile) or GF 212 (carpet) base vinyls.
Where can I find more information on floor graphics?	Traffic Graffix Technical Tips