

TECHNICAL DATA SHEET

GF 247 PRINT-N-LAM™

3.0 MIL GLOSS CLEAR UV VINYL
CLEAR PERMANENT ADHESIVE

GF 247 Print-n-Lam™ is a 3.0 mil Gloss Clear UV Polymeric Vinyl with clear permanent adhesive on a 90# layflat liner. GF 247 is designed to accept a variety of solvent, latex and UV curable inks common to wide format digital printing systems. It is specifically engineered for use in general signage, fleet, window, and decal applications. GF 247 is ideal for printing OR laminating.

PRODUCT NAME	247
FILM	
Film Type	Clear Polymeric Vinyl
Film Thickness (mils/μm)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	100
Gloss (60°)	≥70
Opacity (%)	N/A
Tensile Strength (psi)	MD ≥ 3500 / CD ≥ 3500
Elongation (%)	MD ≥ 180 / CD ≥ 200
Dimensional Stability (FTM 14)	MD ≤ 2.00 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	3.2 / 14
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	5.0 / 22
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-sided PE-Coated Kraft
Liner Thickness (mils/μm)	6.7 / 170
Release Force @ 300" / min (g/2")	17
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 7 years

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION ○ WET APPLY ● DRY APPLY ● LAMINATING ○ MOUNTING ● DIE CUTTABLE ○ HOT STAMP ○ THERMAL DIE ● FLATBED CUTTABLE	● POP/RETAIL ○ WALL ● WRAP (FLAT) ● WINDOW ○ FLOOR ○ TRANSLUCENT ● GENERAL SIGNAGE (FOR PRINT OR FLAT LAMINATE) ● OUTDOOR	● SOLVENT ● ECO-SOLVENT ● LATEX ● UV CURABLE ○ SCREEN ● OFFSET (UV CURABLE) ○ OFFSET (CONVENTIONAL)
SUBSTRATES ● OEM PAINTED METAL ● PAINTED ALUMINUM ● STAINLESS STEEL ○ FIBERGLAS ● ACRYLIC		

FAQS

Can I use GF 247 Print-n-Lam™ as a laminate?	Yes. GF 247 works equally well as a laminating film and can be paired with GF 333 AutoMark™ DRIFT™ PW for flat signage or fleet applications.
Can I wet apply GF 247 Print-n-Lam™?	It is possible, but since GF 247 is a water-based adhesive, there is the potential for temporary cloudiness when using water to apply this vinyl. The key is that the water needs to be squeegeed out as thoroughly as possible. What little moisture & foginess that remains should then evaporate and dissipate in 24-48 hrs.
What applications are GF 247 Print-n-Lam™ good for?	For flat or general signage.