

**TECHNICAL
DATA
SHEET**
GF 248 PRINT-N-LAM™
**3.0 MIL MATTE CLEAR UV VINYL
CLEAR PERMANENT ADHESIVE**

GF 248 Print-n-Lam™ is a 3.0 mil Matte Clear UV Polymeric Vinyl with clear permanent adhesive on a 90# layflat liner. GF 248 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, windows, and decal applications. GF 248 is ideal for printing or flat laminating.

PRODUCT NAME	248
FILM	
Film Type	Clear Polymeric Vinyl
Film Thickness (mils/μm)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	85
Gloss (60°)	≤20
Opacity (%)	N/A
Tensile Strength (lbs/in)	MD ≥ 3000 / CD ≥ 3000
Elongation (%)	MD ≥ 180 / CD ≥ 200
Dimensional Stability (FTM 14)	MD ≤ 1.10 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	7 years

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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 (FLAT) <input checked="" type="radio"/> WINDOW <input type="radio"/> FLOOR <input type="radio"/> TRANSLUCENT <input type="radio"/> FLEET (AS A FLAT LAMINATE) <input checked="" type="radio"/> GENERAL SIGNAGE (FOR PRINT OR FLAT LAMINATE) <input checked="" type="radio"/> OUTDOOR 	<ul style="list-style-type: none"> <input checked="" type="radio"/> SOLVENT <input checked="" type="radio"/> ECO-SOLVENT <input checked="" type="radio"/> LATEX <input checked="" type="radio"/> UV CURABLE <input type="radio"/> SCREEN <input checked="" 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 checked="" type="radio"/> PAINTED ALUMINUM <input checked="" type="radio"/> STAINLESS STEEL <input type="radio"/> FIBERGLAS <input checked="" type="radio"/> ACRYLIC 		

FAQS	
Can I use GF 248 Print-n-Lam™ as a laminate?	Yes. GF 248 works equally well as a laminating film and can be paired with GF 333 AutoMark™ DRIFT™ PW for flat signage.
Can I wet apply GF 248 Print-n-Lam™?	It is possible, but since GF 248 is a water-based adhesive, there is the potential for temporary cloudiness when using commercial application fluids to apply this vinyl. The key is that the fluids needs to be queegeed out as thoroughly as possible. What little moisture & foginess that remains should then evaporate and dissipate in 24-48 hrs.
What applications are GF 248 Print-n-Lam™ good for?	For flat or general signage, commerical applications, P.O.P and permanent windows.