

TECHNICAL DATA SHEET

GF 248 PRINT-N-LAM™

3.0 MIL MATTE CLEAR UV POLYMERIC 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, fleet, window, and decal applications. GF 248 is ideal for printing OR laminating.

PRODUCT NAME	GF 248
FILM	
Film Type	Polymeric PVC
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
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 PE-Coated Kraft
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 (unprinted)

GF 248 | AUGUST 2019

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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 checked="" type="radio"/> WRAP <input checked="" type="radio"/> WINDOW <input type="radio"/> FLOOR <input type="radio"/> TRANSLUCENT <input checked="" type="radio"/> FLEET (AS AN OVERLAM) <input checked="" type="radio"/> GENERAL SIGNAGE <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 type="radio"/> ACRYLIC 		

FAQS

Can I use GF 248 as a laminate?	Yes. GF 248 works equally well as a laminating film.
Can I wet apply GF 248?	Since GF 248 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 & fogginess that remains should then evaporate and dissipate in 24-48 hrs.