TECHNICAL DATA SHEET

GF 240 AUTOMARK™

2.4 MIL MATTE UV LAMINATE
CLEAR PERMANENT ADHESIVE

GF 240 is a Premium 2.4 mil calendered matte UV clear laminate with a clear permanent acrylic adhesive on a 53# PE coated kraft liner. This laminate offers protection from ultra violet radiation, moisture and other environmental exposures. It can be laminated by using a cold laminating process without the addition of heat and is intended to be paired with GF 230 AutoMARK™ vinyl for wrap applications. GF 240 AutoMARK™ Premium 2.4 mil calendered matte laminate is specifically engineered for use in most vehicle wrap and decal applications.

PRODUCT NAME	240
FILM	
Film Type	Clear Polymeric Vinyl
Film Thickness (mils/µm)	2.4 / 61 (+/- 10%)
Film Weight (gsm)	70
Gloss (60°)	≤20
Opacity (%)	N/A
Tensile Strength (lbs/in)	MD ≥ 3500 / CD ≥ 3500
Elongation (%)	MD ≥ 180 / CD ≥ 250
Dimensional Stability (FTM 14)	MD ≤ 0.50 mm / CD ≤ 0.30 mm
ADHESIVE	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/µm)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.5 / 11
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.8 / 17
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")	15-30
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	○ POP/RETAIL	○ SOLVENT
○ WET APPLY	○ WALL	○ ECO-SOLVENT
● DRY APPLY	● WRAP	○ LATEX
● LAMINATING	○ WINDOW	○ UV CURABLE
● DIE CUTTABLE	○ FLOOR	○ SCREEN
○ HOT STAMP	● FLEET	○ OFFSET (UV CURABLE)
○ THERMAL DIE	● GENERAL SIGNAGE	○ OFFSET (CONVENTIONAL)
● FLATBED CUTTABLE	● OUTDOOR (LONG TERM)	
SUBSTRATES		
○ OEM PAINTED METAL		
○ PAINTED ALUMINUM		
○ STAINLESS STEEL		
● PRINTED GRAPHICS		

FAQS

What are the intended applications for GF 240?	This laminate is best suited for long-term outdoor graphics. GF 240 AutoMark™ Wrap Laminate was created to be paired with GF 230 AutoMark ™ Wrap Vinyl to create long lasting outdoor graphics for vehicle wrap and decal applications.
Can I use GF 240 AutoMark™ laminate with other print vinyls?	GF 240 will work well with most base vinyls, however for optimal success you will want to pair similar products together.
Can I use a laminate other than GF 240 AutoMark™ Wrap Laminate with GF 230 AutoMark™ Wrap Vinyl?	Although other laminates may work, the warranty outlined by General Formulations is only in effect if the warranted AutoMark™ products are used. The AutoMark™ series of laminates are customized for this specific application (2.4 mil polymeric vinyls ideal for simple curves) We recommend filling out the application checklist on our website to ensure a successful installation. Videos are available on YouTube as well that outline specific techniques.