

# 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
<b>FILM</b>	
Film Type	Clear Polymeric Vinyl
Film Thickness (mils/ $\mu$ m)	2.4 / 61 (+/- 10%)
Film Weight (gsm)	70
Gloss (60°)	$\leq$ 20
Opacity (%)	N/A
Tensile Strength (lbs/in)	MD $\geq$ 3500 / CD $\geq$ 3500
Elongation (%)	MD $\geq$ 180 / CD $\geq$ 250
Dimensional Stability (FTM 14)	MD $\leq$ 0.50 mm / CD $\leq$ 0.30 mm
<b>ADHESIVE</b>	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/ $\mu$ m)	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
<b>LINER</b>	
Liner Weight (#/gsm)	53 / 86
Liner Type	White PE-Coated 1 side Kraft
Liner Thickness (mils/ $\mu$ m)	3.5 / 89
Release Force @ 300" / min (g/2")	15-30
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	$\geq$ +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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GF 240 - 2.4 MIL MATTE UV LAMINATE

CLEAR PERMANENT ADHESIVE

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

## 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.