

TECHNICAL DATA SHEET

GF 230 AUTOMARK™

2.4 MIL GLOSS WHITE WRAP VINYL GREY REPOSITIONABLE ADHESIVE

GF 230 is a Premium 2.4 mil calendered Gloss white vinyl digital media with a grey permanent repositionable acrylic adhesive on an air-egress liner. This film is designed to accept a variety of solvent, latex and UV curable inks common to wide format digital printing systems. The repositionable grey long-term removable adhesive delivers excellent opacity for color blocking possible substrate bleed through. GF 230 AutoMark™ Premium 2.4 mil calendered gloss white vinyl digital media is specifically engineered for use in most vehicle wrap and decal applications. The 90# Air Egress Layflat liner allows for good lay-flat and air-free application.

PRODUCT NAME	230
FILM	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ μ m)	2.4 / 61 (+/- 10%)
Film Weight (gsm)	85
Gloss (60°)	\geq 80
Opacity (%)	\geq 99
Tensile Strength (lbs/in)	MD \geq 4000 / CD \geq 3800
Elongation (%)	MD \geq 225 / CD \geq 280
Dimensional Stability (FTM 14)	MD \leq 0.50 mm / CD \leq 0.30 mm
ADHESIVE	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/ μ m)	1.1-1.3 / 28-33
Adhesive Color	Grey
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	2.0 / 8.8
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.5 / 15
LINER	
Liner Weight (#/gsm)	98 / 160
Liner Type	White 2-sided PE-Coated Kraft, Air-Egress
Liner Thickness (#/gsm)	7.5 / 190
Release Force @ 300" / min (g/2")	20-35
PERFORMANCE GUIDANCE	
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
Removability	* Up to 2 years
CERTIFICATIONS & RATINGS	
Flammability (when used with 231 or 240 gloss laminate)	ASTM E84 Class 1 or A (Rating Standard Test Method for Surface Burning Characteristics of Building Materials)

* AutoMARK™ Vehicle Wrap Warranty: When removed using generally accepted vehicle graphic removal techniques, the horizontal applications may leave 20% or less adhesive residue.

GF 230 | FEBRUARY 2024

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GF 230 - GLOSS WHITE WRAP VINYL

2.4 MIL GREY PERMANENT ADHESIVE

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 type="radio"/> LAMINATING <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 checked="" type="radio"/> WALL (PERMANENT APPLICATION) <input checked="" type="radio"/> WRAP <input checked="" type="radio"/> WINDOW <input type="radio"/> FLOOR <input checked="" type="radio"/> FLEET <input checked="" type="radio"/> GENERAL SIGNAGE <input type="radio"/> OUTDOOR (SHORT TERM) 	<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 checked="" 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 checked="" type="radio"/> OEM PAINTED METAL <input checked="" type="radio"/> PAINTED ALUMINUM <input checked="" type="radio"/> STAINLESS STEEL 	<p>MATCHING LAMINATES</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> GF 231 - 2.4 MIL GLOSS CLEAR UV <input checked="" type="radio"/> GF 240 - 2.4 MIL GLOSS CLEAR UV 	<p>ADDITIONAL LAMINATES</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> GF 242 - 2.0 MIL GLOSS CAST OPTICALLY CLEAR UV <input checked="" type="radio"/> GF 813 - 1.3 MIL GLOSS CAST CLEAR UV <input checked="" type="radio"/> GF 831 - 2.0 MIL GLOSS CAST CLEAR UV <input checked="" type="radio"/> GF 840 - 2.0 MIL MATTE CAST CLEAR UV <input checked="" type="radio"/> GF 844 - 2.0 MIL ULTI-MATTE CAST CLEAR UV

FAQS

Is AutoMark a full wrap film?	AutoMark™ works best with simple to moderate curves. It is a polymeric calendared vinyl, and thus is not meant for complex curves. A cast film may be better suited for vehicles with complex curves and deep recesses.
What types of vehicles are ideal for GF 230 AutoMark™?	GF 230 Premium 2.4 mil Calendared gloss white vinyl digital media is designed to be applied to corrugations, riveted surfaces, flat and slight to moderate curves. The construction can be used on vans, trucks, sedans of all sizes, fleet and recreational vehicles.
What are the recommended laminates for GF 230?	Our standard laminates are GF 231 UV Gloss and GF 240 UV Matte finishes. For a higher gloss finish use GF 242 UV Gloss Cast laminate.
Can I use wet application techniques on the GF 230?	No. Although AutoMark™ has a solvent based adhesive, the air-egress technology could potential trap fluids and be extremely difficult to extract and remove. Wet application is not warranted.
Can I use primer with this product?	We do not recommend Primer 94 with our product. If absolutely necessary a small amount of Pro Bond™ Adhesive Promoter may be used in the tougher areas, but best practices are to clean the surface and crevases thoroughly, as most failures are the result of dirt and debris.