

TECHNICAL DATA SHEET

GF 830 AUTOMARK™ CAST WITH DRIFT® TECHNOLOGY

2.0 MIL GLOSS WHITE WRAP VINYL
SLIDABLE REPOSITIONABLE AIR-EGRESS ADHESIVE

GF 830 AutoMark™ Cast with DRIFT® Technology is a 2.0 mil, high-gloss white cast film with a slidable and repositionable grey adhesive system. The DRIFT Technology and air egress feature provides installers the benefit of a slidable and bubble-free installation. The repositionable grey long-term removable adhesive delivers excellent opacity for color blocking possible substrate bleed through. GF 830 is specifically engineered for automotive OEM paint, complex curves, rivets, and perfect for vehicle and fleet applications. Compatible with a variety of solvent, eco-solvent, latex and UV curable inks.

PRODUCT NAME	830
FILM	
Film Type	Cast White Vinyl
Film Thickness (mils/μm)	2.0 / 50 (+/- 10%)
Film Weight (gsm)	78
Gloss (60°)	≥90
Opacity (%)	99
Elongation (%)	MD ≥ 200
Dimensional Stability (FTM 14)	MD ≤ 0.35 mm
ADHESIVE	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/μm)	1.2-1.4 / 30-36
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	3.0 / 13
LINER	
Liner Weight (#/gsm)	106 / 160 (+/- 10%)
Liner Type	White 2-sided PE-Coated Kraft, Slideable Air-Egress
Liner Thickness (mils/μm)	8.0 / 200
Release Force @ 300" / min (g/2")	80-120
PERFORMANCE GUIDANCE	
Application Temperature	≥ +50 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	2 years
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	8 years
Long-Term Removability	* 4 year Clean Removability
RATINGS & CERTIFICATIONS	
Flammability (tested using GF 830 laminated with GF 831, GF 840)	ASTM E84 Class 1 or A (Rating Standard Test Method for Surface Burning Characteristics of Building Materials).

* Removal may require heat. Up to 20% adhesive transfer may occur in certain situations.

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION ○ WET APPLY ● DRY APPLY ○ LAMINATING ○ MOUNTING ● DIE CUTTABLE ○ HOT STAMP ● FLATBED CUTTABLE	● POP/RETAIL ○ WALL ● WRAP ● WINDOW ○ FLOOR ● FLEET ● GENERAL SIGNAGE ● INDOOR ● OUTDOOR	● SOLVENT ● ECO-SOLVENT ● LATEX ● UV CURABLE ● SCREEN ● OFFSET (UV CURABLE) ○ OFFSET (CONVENTIONAL)
SUBSTRATES ● OEM PAINTED METAL ● PAINTED ALUMINUM ● STAINLESS STEEL (MIRRORED)	MATCHING LAMINATES ● GF 813 - 1.3 MIL GLOSS CAST CLEAR UV ● GF 831 - 2.0 MIL GLOSS CAST CLEAR UV ● GF 840 - 2.0 MIL MATTE CAST CLEAR UV ● GF 844 - 2.0 MIL ULTI-MATTE CAST CLEAR UV	ADDITIONAL LAMINATES ● GF 242 - 2.0 MIL GLOSS CAST OPTICALLY CLEAR UV ● GF 108 - 1.0 MIL SATIN ANTI-GRAFFITI LAMINATE (GF 108 IS FLAT APPLICATION ONLY)

FAQS

Can I use AutoMark™ Cast w/Drift® Technology for full vehicle wraps?	Yes. This is a wrapping film perfect for complex curves, deep channels, rivets, and false recesses.
What does “slidable” mean?	The slidable adhesive allows you to literally slide the film on the OEM painted surface and easily reposition as needed. Once pressure is applied to the film surface, the adhesive is then activated.
Can you use liquid laminates?	Contact your General Formulations Regional Sales Manager. Contact Page.
Can I apply AutoMark™ to stainless steel?	*Yes. AutoMark will stick to these types of surfaces, however upon removal GF can't guarantee and won't warranty the possible transfer, surface discoloration, or ghosting of the adhesive. GF recommends testing all surfaces before application.
Can GF 830 be used on ceramic coatings?	Ceramic coatings can cause poor adhesive bond and must be removed.
Can GF 830 be used for cut lettering?	Yes. We recommend cut sizes no smaller than 2.5". Sharp corners should be rounded where possible to avoid edge lift.

IMPORTANT: Please reference the [Automark™ Vehicle Wrap Application Guide](#) on www.generalformulations.com for more important product information. For Standard Terms & Conditions: www.generalformulations.com/terms-conditions

GF 830 | JANUARY 2025

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