GENERAL FORMULATIONS

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 Removabilty
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.*

All values provided are typical averages intended for guidance only and should not be interpreted as product specifications or warranties.

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WWW.GENERALFORMULATIONS.COM

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GF 830 - 2.0 MIL GLOSS WHITE WRAP VINYL
GREY SLIDABLE REPOSITIONABLE AIR EGRESS ADHESIVE

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

FAQS

Can I use AutoMark® Cast with 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.
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

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