

TECHNICAL DATA SHEET

GF 830 AUTOMARK™ CAST WITH DRIFT® TECHNOLOGY

2.0 MIL GLOSS WHITE WRAP VINYL
SLIDEABLE 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	3.25 / 14
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	7 years
Long-Term Removability	* 3 year Clean Removability

* Removal may require heat. Up to 15% adhesive transfer may occur in certain situations.

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <input type="radio"/> WET APPLY <input checked="" type="radio"/> DRY APPLY <input type="radio"/> LAMINATING <input type="radio"/> MOUNTING <input checked="" type="radio"/> DIE CUTTABLE <input type="radio"/> HOT STAMP <input checked="" type="radio"/> FLATBED CUTTABLE	<input checked="" type="radio"/> POP/RETAIL <input checked="" type="radio"/> WALL <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 checked="" type="radio"/> INDOOR <input checked="" type="radio"/> OUTDOOR	<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)
SUBSTRATES <input checked="" type="radio"/> OEM PAINTED METAL <input checked="" type="radio"/> PAINTED ALUMINUM <input checked="" type="radio"/> STAINLESS STEEL (MIRRORED)		RECOMMENDED LAMINATES <input checked="" type="radio"/> GF 831 GLOSS CLEAR UV <input checked="" type="radio"/> GF 840 MATTE CLEAR UV <input checked="" type="radio"/> GF 242 GLOSS OPTICALLY CLEAR UV

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 “slideable” mean?	The slideable 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.
What are “air-egress” channels?	GF 830 has a slideable air-egress liner. This liner has a micro-embossed pattern that is transferred to the adhesive and creates air-egress channels. During application, the air-egress channels permit entrapped air to be squeezed out easily resulting in a bubble free application.
Can GF 830 be used on fiberglass boats?	Yes. If all Fluorinated waxes are completely removed.
Can GF 830 be used on ceramic coatings?	No. GF 830 will not stick to any ceramic coating.
Can GF 830 be used for cut lettering?	No. This is not a recommended application as film will lift.

RECOMMENDED LAMINATES:

GF 831 GLOSS CLEAR UV

GF 840 MATTE CLEAR UV

GF 242 GLOSS OPTICALLY CLEAR UV