

**TECHNICAL
DATA
SHEET**

GF 830 AUTOMARK™ CAST WITH DRIFT® TECHNOLOGY

50MIC GLOSS WHITE WRAP VINYL
SLIDABLE REPOSITIONABLE AIR-RELEASE ADHESIVE

GF 830 AutoMark™ Cast with DRIFT® Technology is a 50mic, 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
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
Liner Type	White 2-sided PE-Coated Kraft, Slideable Air-Release
Liner Thickness (mils/μm)	8.0 / 200
Release Force @ 300" / min (g/2")	80-120
PERFORMANCE GUIDANCE	
Application Temperature	≥ +10 °C
Service Temperature	-40 °C to 82 °C
Shelf Life	2 years
Storage Temp / Rel. Humidity	21 °C / 50%
Outdoor Durability	8 years
Long-Term Removability	* 4 year Clean Removability

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

Distributed in the UK by:

INNOTECH

innotechdigital.com / 01530 512 731 / sales@innotechdigital.com

TECHNICAL DATA SHEET

GF 830 - 50MIC GLOSS WHITE WRAP VINYL
GREY SLIDABLE REPOSITIONABLE AIR-RELEASE ADHESIVE

PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p>APPLICATION</p> <p>WET APPLY</p> <ul style="list-style-type: none"> • DRY APPLY <p>LAMINATING</p> <p>MOUNTING</p> <ul style="list-style-type: none"> • DIE CUTTABLE • HOT STAMP • FLATBED CUTTABLE 	<ul style="list-style-type: none"> • POP/RETAIL • WALL • WRAP • WINDOW <p>FLOOR</p> <ul style="list-style-type: none"> • FLEET • GENERAL SIGNAGE • INDOOR • OUTDOOR 	<ul style="list-style-type: none"> • SOLVENT • ECO-SOLVENT • LATEX • UV CURABLE • SCREEN • OFFSET (UV CURABLE) • OFFSET (CONVENTIONAL)
<p>SUBSTRATES</p> <ul style="list-style-type: none"> • OEM PAINTED METAL • PAINTED ALUMINUM • STAINLESS STEEL (MIRRORED) 		<p>RECOMMENDED LAMINATES</p> <ul style="list-style-type: none"> • GF 831 GLOSS CLEAR UV • GF 840 MATTE CLEAR UV • 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 “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.
What are “air-egress” channels?	GF 830 has a slidable 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 squeegeed 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?	Yes. Must be tested for your specific use.