

**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 |

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

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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 <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 (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 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* | MATCHING LAMINATES <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 | ADDITIONAL LAMINATES <input checked="" type="radio"/> GF 242 - 2.0 MIL GLOSS CAST OPTICALLY CLEAR UV <input checked="" type="radio"/> GF 108 - 1.0 MIL SATIN ANTI-GRAFFITI LAMINATE (GF 108 IS FLAT APPLICATION ONLY) |

FAQS

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| 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

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