

GENERAL FORMULATIONS GF830

AutoMark™ Cast with DRIFT® Technology

2mil Gloss White Wrap Vinyl
Slideable & Repositionable

Common Uses
Vehicle Wraps, Windows, Commercial Vehicles, Outdoor Signage & More

Longevity
Long-term (8 Years)

Environment
Indoor & Outdoor

Print Sides
Single-sided

Size Options
Custom Size

Options
Contour Cut
Gloss, Matte or No Laminate

Technical Data >

TECHNICAL DATA SHEET

PROPERTIES

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

PHYSICAL CHARACTERISTICS

Film Type: Cast White Vinyl
Film Thickness (mils/um): 2.0 / 50 (+/- 10%)
Film Weight (gsm): 78
Gloss (60°): 290
Opacity (%): 99
Elongation (%): MD ≥ 200
Dimensional Stability (FTM 14): MD ≤ 0.35 mm
Adhesive Type: Solvent Acrylic
Adhesive Thickness (mils/um): 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 Weight (#/gsm): 106 / 160 (+/- 10%)
Liner Type: White 2-sided PE-Coated Kraft, Slideable Air-Egress
Liner Thickness (mils/um): 8.0 / 200
Release Force @ 300" / min (g/2"): 80-120
Application Temperature: ≥ +50 °F
Service Temperature: -40 °F to 180 °F
Outdoor Durability: 8 years
Long-Term Removability: *4 year Clean Removabilty

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

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LAMINATE DATA

GLOSS LAMINATE

Film Type: Cast Clear Vinyl
Film Thickness (mils/um): 2.0 / 50 (+/- 10%)
Film Weight (gsm): 65
Gloss (60°): ≥90
Opacity (%): N/A
Elongation (%): MD ≥ 200
Dimensional Stability (FTM 14): MD ≤ 0.40 mm
Adhesive Type: Solvent Acrylic
Adhesive Thickness (mils/um): 0.9-1.2 / 23-31
Adhesive Color: Clear
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: 3.5 / 15
Liner Weight (#/gsm): 74 / 120 (+/- 10%)
Liner Type: White Clay-Coated Kraft
Liner Thickness (mils/um): 4.6 / 118
Release Force @ 300" / min (g/2"): 20-40
Application Temperature: ≥ +50 °F
Service Temperature: -40 °F to 180 °F
Outdoor Durability: 8 years

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MATTE LAMINATE

Film Type: Clear Cast Vinyl
Film Thickness (mils/um): 2.0 / 50 (+/- 10%)
Film Weight (gsm): 65
Gloss (60°): ≤30
Opacity (%): N/A
Elongation (%): MD ≥ 200
Dimensional Stability (FTM 14): MD ≤ 0.40 mm
Adhesive Type: Solvent Acrylic
Adhesive Thickness (mils/um): 0.9-1.2 / 23-31
Adhesive Color: Clear
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: 3.5 / 15
Liner Weight (#/gsm): 74 / 120 (+/- 10%)
Liner Type: White Clay-Coated Kraft
Liner Thickness (mils/um): 4.6 / 118
Release Force @ 300" / min (g/2"): 20-40
Application Temperature: ≥ +50 °F
Service Temperature: -40 °F to 180 °F
Outdoor Durability: 8 years