GENERAL FORMULATIONS

TECHNICAL DATA SHEET

GF 111 ERASEMARK™
2.0 MIL GLOSS CLEAR POLYPROPYLENE LAMINATE
CLEAR PERMANENT ADHESIVE

GF 111 is a 2.0 mil clear polypropylene film coated with a permanent acrylic pressure sensitive adhesive on a smooth paper liner. This laminate can turn any printed graphics into a writeable dry erase surface and is designed for use with dry erase markers. GF 111 is best suited for short-term or promotional indoor graphics, where long-term durability is not required. See the General Formulations website for other longer-term products such as GF 110 EraseMark Pro™.

PRODUCT NAME	111
FILM	
Film Type	Clear Dry Erase Polypropylene
Film Thickness (mils/μm)	2.0 / 50 (+/- 10%)
Film Weight (gsm)	69
Gloss (60°)	≥90
Opacity (%)	N/A
Tensile Strength (psi)	MD ≥ 20000 / CD ≥ 20000
Elongation (%)	MD ≥ 80 / CD ≥ 150
Dimensional Stability (FTM 14)	MD ≤ 0.20 mm / CD ≤ 0.20 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/μm)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	1.2 / 5.3
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	2.2 / 9.6
LINER	
Liner Weight (#/gsm)	53 / 86
Liner Type	White PE-Coated 1 side Kraft
Liner Thickness (mils/μm)	3.5 / 89
Release Force @ 300" / min (g/2")	10-40
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Indoor Durability	Up to 6 months

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PRODUCT SNAPSHOT

APPLICATION
- ○ WET APPLY
- ● DRY APPLY
- ● LAMINATING
- ○ MOUNTING
- ● DIE CUTTABLE
- ○ FLATBED CUTTABLE

SUBSTRATES
- ● OEM PAINTED METAL
- ○ PAINTED ALUMINUM
- ○ STAINLESS STEEL
- ● PRINTED GRAPHICS
- ○ ACRYLIC
- ○ PLASTIC

APPLICATIONS
- ● POP/RETAIL
- ● WALL
- ○ WRAP
- ● WINDOW
- ○ FLOOR
- ○ TRANSLUCENT
- ● GENERAL SIGNAGE
- ● INDOOR (SHORT-TERM)
- ○ OUTDOOR

INK TYPE
- ○ SOLVENT
- ○ ECO-SOLVENT
- ○ LATEX
- ○ UV CURABLE
- ○ SCREEN
- ○ OFFSET (UV CURABLE)
- ○ OFFSET (CONVENTIONAL)

FAQS

What types of applications is GF 111 good for?	This product is recommended for producing general purpose graphics, decals and unprinted substrates for use with dry erase markers. Typical substrates are paper, cardboard, photos and unprinted substrates. If producing industrial grade dry erase boards (high-use boards typically found in hospitals, retail establishments and restaurants. or multi layer laminates of either plastics or metal) a commercial grade of laminate is recommended such as GF 110 EraseMark™ Pro
What types of dry erase markers work best on GF 111?	For best results, we suggest the following dry erase brand marking pens: Avery Marks-a-lot® (chisel point), Expo Scents® (chisel point), Expo Bold color® (chisel Point), Expo regular® (chisel point) brand dry erase markers.
What types of cleaners can I use on GF 111?	It is best to use a microfiber cloth and either soap & water or an isopropyl 50/50 mixture. Harsh chemicals may adversely affect the surface.
Can GF 111 be adhered directly to plastic surfaces?	No. GF 111 is intended to be paired with a base vinyl. The base vinyl will adhere to the substrate surface. Applying the GF 111 laminate directly to a plastic substrate surface will likely result in poor bond.