TECHNICAL DATA SHEET

GF RAINBOW CUT & CRAFT FILM

6.0 MIL HOLOGRAPHIC FILM
CLEAR PERMANENT ADHESIVE

GF Rainbow Holographic is a 6.0 mil holographic film coated with a permanent acrylic pressure sensitive adhesive on a 90# layflat liner. The 90# liner provides excellent dimensional stability for digital printing. GF Rainbow Holographic accepts a variety of solvent-based, eco-solvent, latex and UV curable inks common to wide format digital printing systems.

PRODUCT NAME	RAINBOW
FILM	
Film Type	Holographic Film
Film Thickness (mils/µm)	6.0 / 152 (+/- 10%)
Film Weight (gsm)	190
Gloss (60°)	≥70
Opacity (%)	99
Tensile Strength (lbs/in)	N/A
Elongation (%)	N/A
Dimensional Stability (FTM 14)	MD ≤ 1.00 mm / CD ≤ 1.00 mm
ADHESIVE	
Adhesive Type	Solvent 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	2.2 / 9.6
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.8 / 17
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-side PE-Coated Kraft
Liner Thickness (mils/µm)	6.7 / 170
Release Force @ 360" / min (g/2")	70-100
PERFORMANCE GUIDANCE	
Application Temperature	≥ +50 °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 6 months

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GF RAINBOW - 6.0 MIL HOLOGRAPHIC METALLIZED POLYESTER CLEAR PERMANENT ADHESIVE

PRODUCT SNAPSHOT

APPLICATION

- ❍ WET APPLY
- ● DRY APPLY
- ❍ HOT STAMP
- ❍ DIE CUTTABLE
- ❍ HOT KNIFE
- ❍ THERMAL DIE
- ● FLATBED CUTTABLE
- ● CONTOUR CUTTABLE

SUBSTRATES

- ● OEM PAINTED METAL
- ● GLASS
- ● POLYESTER
- ❍ LOW-ENERGY SURFACES
- ● ACRYLIC
- ❍ PVC

APPLICATIONS

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

INK TYPE

- ● SOLVENT
- ● ECO-SOLVENT
- ● LATEX
- ● UV CURABLE
- ❍ THERMAL
- ● SCREEN
- ❍ OFFSET

FAQS

Does the film have any shim lines like I see on other holographic materials?	Yes, the 60” wide rolls contain a shim line at 30” in machine direction (center of the roll), and a lighter repeating line every 12” running across the width of the roll.
Why are there lines on the material?	In order to get the holographic look on the film, it needs to go through an embossing step. This is typically done using a round cylinder, and the line--called a ‘shim line’--is the place where the embossing plate joins and leaves a visible line on the material.
What are some recommended uses for GF Rainbow?	This Rainbow Holographic film is great for printing stickers and decals, whether for use in packaging, marketing, or whatever you can dream up!

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