

**TECHNICAL
DATA
SHEET**

GF SPARKLE CUT & CRAFT FILM

6.0 MIL HOLOGRAPHIC FILM CLEAR PERMANENT ADHESIVE

GF Sparkle 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 Sparkle Holographic accepts a variety of solvent-based, eco-solvent, latex and UV curable inks common to wide format digital printing systems.

PRODUCT NAME	SPARKLE
FILM	
Film Type	Holographic Film
Film Thickness (mils/ μ m)	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 \leq 1.00 mm / CD \leq 1.00 mm
ADHESIVE	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/ μ m)	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/ μ m)	6.7 / 170
Release Force @ 360" / min (g/2")	70-100
PERFORMANCE GUIDANCE	
Application Temperature	$\geq +50$ °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	1 year

GF SPARKLE | SEPTEMBER 2024

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GF SPARKLE - 6.0 MIL HOLOGRAPHIC METALLIZED POLYESTER CLEAR PERMANENT ADHESIVE

PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p>APPLICATION</p> <ul style="list-style-type: none"> ● WET APPLY ● DRY APPLY ○ HOT STAMP ● DIE CUTTABLE ○ HOT KNIFE ○ THERMAL DIE ● FLATBED CUTTABLE ● CONTOUR CUTTABLE 	<ul style="list-style-type: none"> ● GENERAL SIGNAGE ● POP/RETAIL ○ WALL ○ WRAP ○ WINDOW ○ FLOOR ○ TRANSLUCENT ○ FLEET ● INDOOR 	<ul style="list-style-type: none"> ● SOLVENT ● ECO-SOLVENT ● LATEX ● UV CURABLE ● THERMAL ● SCREEN (UV) ● OFFSET (UV)
<p>SUBSTRATES</p> <ul style="list-style-type: none"> ● OEM PAINTED METAL ● GLASS ● POLYESTER ○ LOW-ENERGY SURFACES ● ACRYLIC ○ PVC 		
FAQS		
<p>Does the film have any shim lines like I see on other holographic materials?</p>	<p>Yes, the 60” wide rolls have a very faint shim line him line at 30” in machine direction (center of the roll), and a lighter repeating line every 12” running across the width of the roll.</p>	
<p>Why are there lines on the material?</p>	<p>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.</p>	
<p>What are some recommended uses for GF Sparkle?</p>	<p>This Sparkle Holographic film is great for printing stickers and decals, whether for use in packaging, marketing, or whatever you can dream up!</p>	
<p>My cutter’s optical sensor is having trouble finding the registration marks, is there anything I can do?</p>	<p>The surface of 767 Sparkle is very reflective. There are a few general techniques you can try to reduce the reflection. Overlay a piece of clear matte laminate over top of all registration marks to allow the optical sensor to see the marks. You may also try placing white vinyl around the registration mark or cutting out white pieces of vinyl. To do this, cut the white vinyl and leave the center open for either the “L” registration mark or “O” (circular) registration mark.</p>	