

# TECHNICAL DATA SHEET

## GF 765

### 6.0 MIL RAINBOW HOLOGRAPHIC FILM CLEAR PERMANENT ADHESIVE

GF 765 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. This film accepts a variety of solvent-based, eco-solvent, latex and UV curable inks common to wide format digital printing systems.

PRODUCT NAME	765
<b>FILM</b>	
Film Type	Holographic Film
Film Thickness (mils/ $\mu$ m)	6.0 / 152 (+/- 10%)
Film Weight (gsm)	190
Gloss (60°)	$\geq$ 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
<b>ADHESIVE</b>	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/ $\mu$ 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
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-side PE-Coated Kraft
Liner Thickness (mils/ $\mu$ m)	6.7 / 170
Release Force @ 360" / min (g/2")	70-100
<b>PERFORMANCE GUIDANCE</b>	
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
<b>COMPATIBLE PRODUCTS</b>	
Recommended Laminates	GF 108, GF 110, GF 231, GF 242, GF 247 or GF 400

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p><b>APPLICATION</b></p> <ul style="list-style-type: none"> <li>● WET APPLY</li> <li>● DRY APPLY</li> <li>○ HOT STAMP</li> <li>○ DIE CUTTABLE</li> <li>○ HOT KNIFE</li> <li>○ THERMAL DIE</li> <li>● FLATBED CUTTABLE</li> <li>● CONTOUR CUTTABLE</li> </ul>	<ul style="list-style-type: none"> <li>● GENERAL SIGNAGE</li> <li>● POP/RETAIL</li> <li>○ WALL</li> <li>○ WRAP</li> <li>● WINDOW</li> <li>○ FLOOR</li> <li>○ FLEET</li> <li>● INDOOR</li> <li>● OUTDOOR (SHORT TERM)</li> </ul>	<ul style="list-style-type: none"> <li>● SOLVENT</li> <li>● ECO-SOLVENT</li> <li>● LATEX</li> <li>● UV CURABLE</li> <li>● THERMAL</li> <li>● SCREEN (UV)</li> <li>○ OFFSET</li> </ul>
<p><b>SUBSTRATES</b></p> <ul style="list-style-type: none"> <li>● OEM PAINTED METAL</li> <li>● GLASS</li> <li>● POLYESTER</li> <li>○ LOW-ENERGY SURFACES</li> <li>● ACRYLIC</li> <li>○ PVC</li> </ul>		

### FAQS

Does GF 765 have any shim lines as seen on other holographic films?	Yes, the 60" wide rolls contain a shim line at 30" in machine direction (center of the roll) and a less noticeable, repeating, line every 12" running cross-web or across the width of the roll.
Why are lines seen on the face of the film?	To create the holographic look, the film goes through an embossing process. During this process, one or more metal shims are mounted around the circumference of a round embossing cylinder leaving behind a visible line on the material surface.
How can I use GF 765 Rainbow Holographic?	GF 765 Rainbow Holographic is great for decals, POP, retail displays, holiday graphics, packaging, labels and so much more!

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## GF 765 - PRODUCT INFORMATION

### SHIM LINE EXAMPLES

#### VERTICAL

Located at the edge of a 30" roll or in the center of a 60" roll.



#### HORIZONTAL

A less pronounced shim line that repeats every 12". It may produce a slight color shift.

