

# TECHNICAL DATA SHEET

## GF 105

### 2.0 MIL GLOSS OPTICALLY CLEAR LAMINATE OPTICALLY CLEAR PERMANENT ADHESIVE

GF 105 is a 2.0 mil high gloss laminate with an optically clear permanent acrylic adhesive on a 1.5 mil polyester film liner. This polyester film offers protection from abrasion, moisture and other environmental exposures. It is laminated by the cold laminating process without the addition of heat. GF 105 is ideal for artwork and indoor graphics where a high gloss finish is required.

PRODUCT NAME	105
<b>FILM</b>	
Film Type	Clear Polyester
Film Thickness (mils/ $\mu$ m)	2.0 / 50 (+/- 10%)
Film Weight (gsm)	70
Gloss (60°)	$\geq$ 90
Opacity (%)	N/A
Tensile Strength (psi)	N/A
Elongation (%)	N/A
Dimensional Stability (FTM 14)	N/A
<b>ADHESIVE</b>	
Adhesive Type	Solvent 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	2.8 / 12
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	6.0 / 26
<b>LINER</b>	
Liner Weight (#/gsm)	N/A
Liner Type	Clear Polyester
Liner Thickness (mils/ $\mu$ m)	1.5 / 38
Release Force @ 300" / min (g/2")	25-45
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	$\geq$ +40 °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Up to 2 years

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
<p><b>APPLICATION</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> WET APPLY</li> <li><input checked="" type="radio"/> DRY APPLY</li> <li><input checked="" type="radio"/> LAMINATING</li> <li><input type="radio"/> MOUNTING</li> <li><input checked="" type="radio"/> DIE CUTTABLE</li> <li><input type="radio"/> HOT STAMP</li> <li><input type="radio"/> THERMAL DIE</li> <li><input type="radio"/> FLATBED CUTTABLE</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="radio"/> POP/RETAIL</li> <li><input type="radio"/> WALL</li> <li><input type="radio"/> WRAP</li> <li><input type="radio"/> WINDOW</li> <li><input type="radio"/> FLOOR</li> <li><input type="radio"/> TRANSLUCENT</li> <li><input checked="" type="radio"/> GENERAL SIGNAGE</li> <li><input checked="" type="radio"/> INDOOR</li> <li><input checked="" type="radio"/> OUTDOOR</li> </ul>	<ul style="list-style-type: none"> <li><input type="radio"/> SOLVENT</li> <li><input type="radio"/> ECO-SOLVENT</li> <li><input type="radio"/> LATEX</li> <li><input type="radio"/> UV CURABLE</li> <li><input type="radio"/> SCREEN</li> <li><input type="radio"/> OFFSET (UV CURABLE)</li> <li><input type="radio"/> OFFSET (CONVENTIONAL)</li> </ul>
<p><b>SUBSTRATES</b></p> <ul style="list-style-type: none"> <li><input type="radio"/> OEM PAINTED METAL</li> <li><input type="radio"/> PAINTED ALUMINUM</li> <li><input type="radio"/> STAINLESS STEEL</li> <li><input checked="" type="radio"/> PRINTED GRAPHICS</li> <li><input type="radio"/> ACRYLIC</li> </ul>		

### FAQS

What types of applications is GF 105 good for?	This laminate can be used on graphics for flat, curved or rolled display interior applications. This film can be used to enhance image clarity, contrast, and brilliance for exterior graphics as well.
Can I use GF 105 for a floor laminate?	No. GF 105 is not rated for slip resistance.