

# 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  |
|--|--|---|
| <b>APPLICATION</b> <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> |
| <b>SUBSTRATES</b> <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.  |