

# TECHNICAL DATA SHEET

## GF 212 TRAFFIC GRAFFIC®

3.4 MIL MATTE WHITE VINYL  
HIGH-TACK REMOVABLE ADHESIVE

GF 212 is a 3.4 mil polymeric matte white calendered vinyl coated with a special formulated clear solvent removable adhesive laminated to a 90# layflat liner. This product was specifically designed to adhere to common commercial carpets and allow for easy and clean removability of the graphic. The 90# liner offers excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics. This film is designed to accept a variety of Solvent, Eco-Solvent, Latex and UV curable inks common to wide format digital printing systems.

| PRODUCT NAME  | 212                                   |
|---|---------------------------------------|
| <b>FILM</b>   |                                       |
| Film Type   | White Polymeric Vinyl                 |
| Film Thickness (mils/ $\mu$ m)                              | 3.4 / 86 (+/- 10%)                    |
| Film Weight (gsm)   | 120                                   |
| Gloss (60°)   | $\leq$ 20                             |
| Opacity (%)   | 93                                    |
| Tensile Strength (lbs/in)                                   | MD $\geq$ 3000 / CD $\geq$ 2600       |
| Elongation (%)  | MD $\geq$ 90 / CD $\geq$ 150          |
| Dimensional Stability (FTM 14)                              | MD $\leq$ 0.40 mm / CD $\leq$ 0.10 mm |
| <b>ADHESIVE</b>   |                                       |
| Adhesive Type   | Solvent Acrylic                       |
| Adhesive Thickness (mils/ $\mu$ m)                          | 0.7-0.9 / 18-23                       |
| Adhesive Color  | Clear                                 |
| Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min | 3.0 / 13                              |
| Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs | 4.5 / 13                              |
| <b>LINER</b>  |                                       |
| Liner Weight (#/gsm)  | 90 / 145                              |
| Liner Type  | White 2-side PE-Coated Kraft          |
| Liner Thickness (#/gsm)                                     | 6.7 / 170                             |
| Release Force @ 300" / min (g/2")                           | 50                                    |
| <b>PERFORMANCE GUIDANCE</b>                                 |                                       |
| Application Temperature                                     | $\geq$ +40 °F                         |
| Service Temperature   | -40 °F to 180 °F                      |
| Shelf Life  | 1 year                                |
| Storage Temp / Rel. Humidity                                | 70 °F / 50%                           |
| Outdoor Durability  | N/A                                   |
| Removability  | up to 6 months                        |

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## GF 212 - 3.4 MIL MATTE WHITE VINYL HIGH-TACK REMOVABLE ADHESIVE

| PRODUCT SNAPSHOT  | APPLICATIONS  | INK TYPE  |
|---|---|---|
| <b>APPLICATION</b><br><input type="radio"/> WET APPLY<br><input checked="" type="radio"/> DRY APPLY<br><input type="radio"/> LAMINATING<br><input type="radio"/> MOUNTING<br><input checked="" type="radio"/> DIE CUTTABLE<br><input type="radio"/> HOT STAMP<br><input type="radio"/> THERMAL DIE<br><input checked="" type="radio"/> FLATBED CUTTABLE | <input checked="" type="radio"/> POP/RETAIL<br><input type="radio"/> WALL<br><input type="radio"/> WRAP<br><input type="radio"/> WINDOW<br><input checked="" type="radio"/> FLOOR (CARPET)<br><input type="radio"/> TRANSLUCENT<br><input type="radio"/> FLEET<br><input checked="" type="radio"/> GENERAL SIGNAGE<br><input checked="" type="radio"/> INDOOR (SHORT TERM)<br><input type="radio"/> OUTDOOR (SHORT TERM)<br><input type="radio"/> OUTDOOR (LONG TERM) | <input checked="" type="radio"/> SOLVENT<br><input checked="" type="radio"/> ECO-SOLVENT<br><input checked="" type="radio"/> LATEX<br><input checked="" type="radio"/> UV CURABLE<br><input checked="" type="radio"/> SCREEN<br><input checked="" type="radio"/> OFFSET (UV CURABLE)<br><input type="radio"/> OFFSET (CONVENTIONAL) |
| <b>SUBSTRATES/SURFACES</b><br><input checked="" type="radio"/> LOW-PILE CARPET (SHORT NAP/TIGHT WEAVE)  |   |   |

| FAQS  |  |
|---|--|
| Does this product require an overlamine?              | Yes. The vinyl by itself is not a "Traffic Graffic". GF 212 does require the matching laminate to make it slip resistant.  |
| What laminates are the matching laminates for GF 212? | We have a variety of matching laminates to go with the GF 212. They are GF 211, GF 109, GF 213 and GF 217. Each one has the requisite UL rating for slip resistance. |
| Can I leave the graphic on the carpet past 6 months?  | Yes. The graphic will stick to the carpet longer than 6 months but the adhesive will build tack over time making the long term removability more difficult.          |