

# TECHNICAL DATA SHEET

## GF 226 WALLMARK®

### 6.0 MIL MATTE WHITE VINYL CLEAR REPOSITIONABLE WALL ADHESIVE

GF 226 is a 6.0 mil matte white semi rigid calendared vinyl film. This product has a specially formulated microsphere removable acrylic adhesive backed by a 90# layflat liner. The combination of vinyl and adhesive allows for ease of repositioning the graphic during installation and superior removability of this product from normal wall surfaces. The 90# tight release liner provides excellent stability for processing using standard solvent and UV curable and latex digital inks common to wide format digital printing systems.

PRODUCT NAME	226
<b>FILM</b>	
Film Type	White Polymeric Vinyl
Film Thickness (mils/μm)	6.0 / 152 (+/- 10%) before emboss
Film Weight (gsm)	218
Gloss (60°)	≤ 20
Opacity (%)	98
Tensile Strength (lbs/in)	MD ≥ 3000 / CD ≥ 3000
Elongation (%)	MD ≥ 130 / CD ≥ 200
Dimensional Stability (FTM 14)	MD ≤ 0.20 mm / CD ≤ 0.20 mm
<b>ADHESIVE</b>	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/μm)	0.9-1.1 / 23-28
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	0.8 / 3.5
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	1.2 / 5.3
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE-Coated Kraft
Liner Thickness (mils/μm)	6.7 / 170
Release Force @ 300" / min (g/2")	200-250
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 200 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	N/A
Indoor Durability	*5 years
Removability	1 year
<b>RATINGS &amp; CERTIFICATIONS</b>	
Flammability	ASTM E84 Class 1 or A (Rating Standard Test Method for Surface Burning Characteristics of Building Materials)

\* Indoor durability of material under normal conditions.

GF 226 | APRIL 2021

309 S. UNION | SPARTA, MI 49345 | P:(616) 887-7387 | T:(800) 253-3664 | F:(616) 887-0537

[WWW.GENERALFORMULATIONS.COM](http://WWW.GENERALFORMULATIONS.COM)

# TECHNICAL DATA SHEET

## GF 226 - 6.0 MIL MATTE WHITE VINYL CLEAR REPOSITIONABLE WALL ADHESIVE

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

### FAQS

Can I use GF 226 on other surfaces?	GF 226 is designed for wall murals, decals and graphics to most types of smooth painted interior walls. This includes most flat, semi-gloss and gloss paint finishes. The surface must be smooth and clean prior to application. If applying to new paint consult the paint manufacturer for proper drying conditions before GF 226 application.
What if I leave GF 226 WallMark® on past it's optimal removability time frame?	The adhesive on this product will build for a few days and then it will reach it's optimal bond. It will not get more aggressive over time because of the low-tack adhesive technology, but could leave residue beyond the one year removability specification.
Can this product be used on Elevators?	These types of doors may have a clear coat or other type of protection. This product is not designed for coated/sealed/treated stainless steel, brass or bronze surfaces. It is best to contact the facility manager and determine the best product for this application.
When paneling larger jobs, do I use overlaps or butt-seams with this product?	Either is acceptable, although butt-seams require a high degree of skill to line up the panels. In most cases an overlap will work best and that amount varies depending upon the size of your graphic. Smaller decals may only require 1/4"-1/2" overap, while larger will most likely require 1" or more.