

# TECHNICAL DATA SHEET

## GF 229 WALLMARK® CANVAS

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

GF 229 WallMark® Canvas is a 6.0 mil embossed matte white semi-rigid calendered vinyl film. This product has a specially formulated microsphere acrylic pressure sensitive adhesive designed for ease of removal, repositioning and reuse, and is backed by a 90# layflat liner. The combination of vinyl and adhesive is designed for use on smooth wall surfaces. The 90# tight release liner provides excellent stability for processing using standard solvent, latex, and UV curable inks common to wide format digital printing systems.

PRODUCT NAME	229
<b>FILM</b>	
Film Type	White Polymeric Vinyl
Film Thickness (mils/µm)	6.0 / 152 (+/- 10%) before emboss
Film Weight (gsm)	240
Gloss (60°)	≤ 20
Opacity (%)	98
Tensile Strength (lbs/in)	MD ≥ 2500 / CD ≥ 2000
Elongation (%)	MD ≥ 70 / CD ≥ 130
Dimensional Stability (FTM 14)	MD ≤ 0.30 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	0.7 / 3.1
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	1.0 / 4.4
<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 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	Indoor only
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.

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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 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 checked="" type="radio"/> FLATBED CUTTABLE</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="radio"/> POP/RETAIL</li> <li><input checked="" 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 type="radio"/> FLEET</li> <li><input checked="" type="radio"/> GENERAL SIGNAGE</li> <li><input checked="" type="radio"/> INDOOR</li> <li><input type="radio"/> OUTDOOR (SHORT TERM)</li> <li><input type="radio"/> OUTDOOR (LONG TERM)</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="radio"/> SOLVENT</li> <li><input checked="" type="radio"/> ECO-SOLVENT</li> <li><input checked="" type="radio"/> LATEX</li> <li><input checked="" type="radio"/> UV CURABLE</li> <li><input checked="" type="radio"/> SCREEN</li> <li><input checked="" type="radio"/> OFFSET (UV CURABLE)</li> <li><input type="radio"/> OFFSET (CONVENTIONAL)</li> </ul>
<b>SUBSTRATES/SURFACES</b> <ul style="list-style-type: none"> <li><input checked="" type="radio"/> SMOOTH PAINTED DRYWALL</li> </ul>		

### FAQS

Can I use GF 229 on other surfaces?	GF 229 is designed for wall murals, decals and graphics on 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 curing conditions before GF 229 application.
What if I leave the GF 229 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 its' optimal bond. It will not get more aggressive over time because of the low-tack/microsphere adhesive technology.
Can this product be used on Elevators?	While the adhesive on GF 229 will stick to stainless steel and other polished metal surfaces, these types of doors may have a clear coat or other type of protection that can 'ghost' when the decal is removed. Any ghosting can potentially be cleaned with a metal polish, but it is best to test a small piece in an inconspicuous area for 24 hours prior to full installation to confirm fitness for use.
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. For this product a larger than normal overlap is usually recommend. This accomplishes two things: allows for a large area of adhesion and mitigates the "bump" caused by the two sections overlapping. We recommend 2-3" for overlapping panels.

For Standard Terms & Conditions: [www.generalformulations.com/terms-conditions](http://www.generalformulations.com/terms-conditions)

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