

# TECHNICAL DATA SHEET

## GF 285 ROUGHMARK™

### 3.5 MIL MATTE WHITE CONFORMABLE WALL VINYL CLEAR HIGH-TACK REMOVABLE ADHESIVE

GF 285 RoughMark™ is a 3.5 mil matte white opaque polymeric vinyl film coated with a solvent acrylic high-tack removable (HTR) pressure sensitive adhesive on a 90# layflat liner. GF 285's thick HTR adhesive is designed to aggressively grip onto textured substrates such as brick or block, yet cleanly remove without leaving adhesive residue on the contact surface. The 90# liner provides excellent dimensional stability for digital printing. GF 285 accepts a variety of solvent-based, eco-solvent, latex and \*UV curable inks common to wide format digital printing systems.

\* For UV Curable inks, please consult with the ink manufacturer for specifics on ink flexibility.

PRODUCT NAME	285
<b>FILM</b>	
Film Type	White Polymeric Vinyl
Film Thickness (mils/μm)	3.5 / 89 (+/- 10%) before emboss
Film Weight (gsm)	130
Gloss (60°)	≤20
Opacity (%)	99
Tensile Strength (lbs/in)	MD ≥ 3500 / CD ≥ 2500
Elongation (%)	MD ≥ 90 / CD ≥ 200
Dimensional Stability (FTM 14)	MD ≤ 0.50 mm / CD ≤ 0.20 mm
<b>ADHESIVE</b>	
Adhesive Type	Solvent Acrylic
Adhesive Thickness (mils/μm)	1.9-2.1 / 48-53
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	1.2 / 5.3
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	2.0 / 8.8
<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")	40-50
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 200 °F
Shelf Life	up to 1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	up to 5 years
Removability	up to 6 months
Ratings and Certifications	ASTM E84 Class 1 or A (Rating Standard Test Method for Surface Burning Characteristics of Building Materials)

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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 checked="" 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 type="radio"/> SMOOTH PAINTED DRYWALL <input checked="" type="radio"/> MODERATELY TEXTURED <b>WALL SURFACES</b>		

FAQS	
Can I use GF 285 on other surfaces?	GF 285 RoughMark™ can be used in applications where a conformable removable vinyl is desired. This film conforms well with controlled heat and features clean removability from a variety of moderately textured substrates including brick, block, and concrete surfaces (vertical application only). If a high gloss finish is desired, it is recommended to use GF 242/842 gloss clear cast laminate.
Can this product be used on Elevators?	This product is not intended for this application. Test all applications prior to use. Not designed for coated/ sealed/ treated stainless steel, brass or bronze surfaces.
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. Because this product is going on uneven surfaces and is thinner than a normal wall vinyl, an overlap should be the default way to install.