

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
FILM	
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
ADHESIVE	
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
LINER	
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
PERFORMANCE GUIDANCE	
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
CERTIFICATIONS & RATINGS	
Flammability	ASTM E84 Class 1 or A (Rating Standard Test Method for Surface Burning Characteristics of Building Materials)

TECHNICAL DATA SHEET

GF 285 - 3.5 MIL MATTE WHITE CONFORMABLE WALL VINYL CLEAR HIGH-TACK REMOVABLE ADHESIVE

PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <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)
SUBSTRATES/SURFACES <input type="radio"/> SMOOTH PAINTED DRYWALL <input checked="" type="radio"/> MODERATELY TEXTURED WALL SURFACES		

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 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.

Product Bulletin

Concept® 285 RoughMark™

CONFORMABLE CALENDERED VINYL / REMOVABLE ADHESIVE

Concept® 285 RoughMark™ is a 3.5 mil matte opaque polymeric vinyl film coated with a high-tack removable (HTR) acrylic pressure sensitive adhesive on a 90# layflat liner. The 90# liner provides excellent dimensional stability for digital printing. Concept® 285 accepts a variety of solvent-based, eco-solvent, latex and *UV curable inks common to wide format digital printing systems.

Applications

Concept® 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 Concept® 242 gloss clear cast laminate.

NOTE: If applied to a painted surface the paint must bond tightly to the substrate. Test all applications prior to use. Not designed for coated/ sealed/ treated stainless steel, brass or bronze surfaces

Thickness

Film	3.5 mils.
Adhesive	1.8 to 2.1 mils.
Liner	6.5 mils.
(Thickness variation +/- 10%)	

Temperature Ranges

Minimum application temperature	+40°F.
Service temperature	-40°F to +200 F.

Removability

Removable up to 6 months for common substrates under normal exposure conditions.

Adhesion

Stainless steel	16 Oz/ inch minimum
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PSTC-101 Method A
Dwell is 24 hours at room temperature.

Solvent Resistance

Good resistance to intermittent exposure from petroleum oils, grease, aliphatic hydrocarbons and gasoline.

Water Resistance

Excellent.

Humidity Resistance

Excellent.

Storage Stability

One year shelf life stored at 70° F and 50% relative humidity.

Recommendations

Completely evaporate inkjet solvents before application. Failure to do so may facilitate solvent penetration resulting in vinyl degradation. * For UV Curable inks, please consult with the ink manufacturer for specifics on ink flexibility.

Product Codes

285-54	54" x 150'
285-5475	54" x 75'
285-60	60" x 150'
285-6075	60" x 75'



*Manufacturer of Pressure Sensitive Films,
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Coatings and Printing Inks.*

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