

TECHNICAL DATA SHEET

GF 253 GRAPHITEX™ OPAQUE

6.0 MIL MATTE WHITE OPAQUE POLYESTER FABRIC
 CLEAR REPOSITIONABLE WALL ADHESIVE

GF 253 GraphiTex™ Opaque is a 6.0 mil matte white polyester wall fabric with a subtle woven texture. GF 253 has special coatings to enhance opacity and provide superior hiding and cover for underlying paint and graphics in wall applications. The adhesive is designed for long term use on smooth painted drywall, is repositionable to ease installation, and remains cleanly removable for up to 1 year. The 90# tight release liner provides excellent stability for processing using solvent, latex and UV curable digital inks common to wide format digital printing systems.

PRODUCT NAME	253
FILM	
Film Type	White Coated Polyester Fabric
Film Thickness (mils/μm)	5.8 / 147 (+/- 10%)
Film Weight (gsm)	170
Gloss (60°)	≤20
Opacity (%)	99
Tensile Strength (lbs/in)	N/A
Elongation (%)	N/A
Dimensional Stability (FTM 14)	MD ≤ 0.1 mm / CD ≤ 0.05 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/μm)	1.0-1.2 / 25-30
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
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")	60-120
PERFORMANCE GUIDANCE	
Application Temperature	≥ +40 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	N/A
Indoor Durability	Up to 10 years*
Removability	Up to 1 year
Ratings and Certifications	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 253 | JUNE 2020

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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 (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)
SUBSTRATES/SURFACES <input checked="" type="radio"/> SMOOTH PAINTED DRYWALL		

FAQS

Can I use GF 253 on other surfaces?	GF 253 is designed for wall murals, decals and graphics for most types of smooth painted interior walls. This includes most flat, semigloss 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 253 installation. This product is not recommended for window or backlit applications.
How does GF 253 GraphiTex™ Opaque compare to other opaque wall products on the market?	GF 253 is specially designed to have the highest hiding capability without sacrificing its bright white point. Thanks to its unique backside coating and formulated print coating it boasts 99% opacity so you won't see dark bands when overlapping panels, and your print will look great regardless of the underlying wall surface color. Furthermore, the adhesive bond to the fabric is excellent and won't rub off like other products, so it's more forgiving during installation and removal.
When paneling larger jobs, do I use overlaps or butt-seams with this product?	Installation methods vary by both installer and project, but we consider either method to be acceptable, and the thickness and rigidity of GF 253 GraphiTex™ Opaque makes it easy to align panels. Butt seams are preferred, and you can expect little to no shrink with interior applications. If overlapping, we recommend at least ½" to 1" for overlapping panels.