

# TECHNICAL DATA SHEET

## GF 201

### 3.4 MIL MATTE WHITE VINYL CLEAR PERMANENT ADHESIVE

GF 201 is a 3.4 mil polymeric matte white calendered vinyl coated with a clear permanent acrylic pressure sensitive adhesive laminated to a 90# layflat liner. This vinyl is designed to accept a variety of solvent-based, eco-solvent, latex and UV curable inks common to wide format digital printing systems. The clear adhesive creates a permanent bond to a variety of common substrates used in graphics applications. The 90# liner provides excellent layflat qualities in a variety of ambient conditions along with ease of application of large format graphics.

PRODUCT NAME	201
<b>FILM</b>	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ $\mu$ m)	3.4 / 86 (+/- 10%)
Film Weight (gsm)	120
Gloss (60°)	$\leq 20$
Opacity (%)	93
Tensile Strength (lbs/in)	MD $\geq 3000$ / CD $\geq 2600$
Elongation (%)	MD $\geq 90$ / CD $\geq 150$
Dimensional Stability (FTM 14)	MD $\leq 1.00$ mm / CD $\leq 0.50$ mm
<b>ADHESIVE</b>	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/ $\mu$ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.0 / 13
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
<b>LINER</b>	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2-Sided PE Coated Kraft
Liner Thickness (mils/ $\mu$ m)	6.7 / 170
Release Force @ 300" / min (g/2")	50-80
<b>PERFORMANCE GUIDANCE</b>	
Application Temperature	$\geq +40$ °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	up to 5 years

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PRODUCT SNAPSHOT		APPLICATIONS	INK TYPE
<div>APPLICATION</div> <div><div><input type="radio"/> WET APPLY</div><div><input checked="" type="radio"/> DRY APPLY</div><div><input type="radio"/> LAMINATING</div><div><input type="radio"/> MOUNTING</div><div><input checked="" type="radio"/> DIE CUTTABLE</div><div><input type="radio"/> HOT STAMP</div><div><input type="radio"/> THERMAL DIE</div><div><input checked="" type="radio"/> FLATBED CUTTABLE</div></div>	<div><div><input checked="" type="radio"/> POP/RETAIL</div><div><input type="radio"/> WALL</div><div><input type="radio"/> WRAP</div><div><input checked="" type="radio"/> WINDOW</div><div><input type="radio"/> FLOOR</div><div><input type="radio"/> TRANSLUCENT</div><div><input type="radio"/> FLEET</div><div><input checked="" type="radio"/> GENERAL SIGNAGE</div><div><input type="radio"/> OUTDOOR (SHORT TERM)</div><div><input checked="" type="radio"/> OUTDOOR (LONG TERM)</div></div>	<div><div><input checked="" type="radio"/> SOLVENT</div><div><input checked="" type="radio"/> ECO-SOLVENT</div><div><input checked="" type="radio"/> LATEX</div><div><input checked="" type="radio"/> UV CURABLE</div><div><input checked="" type="radio"/> SCREEN</div><div><input checked="" type="radio"/> OFFSET (UV CURABLE)</div><div><input type="radio"/> OFFSET (CONVENTIONAL)</div></div>	
<div>SUBSTRATES</div> <div><div><input checked="" type="radio"/> OEM PAINTED METAL</div><div><input checked="" type="radio"/> PAINTED ALUMINUM</div><div><input checked="" type="radio"/> STAINLESS STEEL</div><div><input type="radio"/> LOW-ENERGY SURFACES</div><div><input checked="" type="radio"/> ACRYLIC</div><div><input type="radio"/> GLASS</div><div><input type="radio"/> POLYESTER</div></div>			
FAQS			
What applications is GF 201 intended for?		GF 201 is designed for interior or exterior signage, decals, nameplates, die-cut letters and point-of-purchase displays.	
Can GF 201 be removed?		Most decals can be removed with some effort, even if they have a permanent adhesive. GF 201 has a standard clear permanent adhesive that works on a variety of surfaces. This adhesive is will not remove cleanly, but any adhesive transfer or residue can be cleaned up easily with standard adhesive removers.	