TECHNICAL DATA SHEET

GF 216
3.0 MIL GLOSS WHITE VINYL CLEAR PERMANENT ADHESIVE

GF 216 is a 3.0 mil gloss white calendared vinyl with a clear acrylic pressure sensitive adhesive on a 90# layflat liner. This vinyl is designed to accept a variety of solvent, eco solvent, latex and UV curable inks common to wide format digital printing systems. The adhesive produces permanent bonds to a variety of common substrates used in graphics applications.

PRODUCT NAME	216
FILM	
Film Type	White Monomeric Vinyl
Film Thickness (mils/µm)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	105
Gloss (60°)	≥70
Opacity (%)	92
Tensile Strength (lbs/in)	MD ≥ 4500 / CD ≥ 4000
Elongation (%)	MD ≥ 225 / CD ≥ 225
Dimensional Stability (FTM 14)	MD ≤ 2.00 mm / CD ≤ 1.50 mm
ADHESIVE	
Adhesive Type	Emulsion Acylic
Adhesive Thickness (mils/µm)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.7 / 16
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	5.2 / 23
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")	90-140
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	3 years

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION	● POP/RETAIL	● SOLVENT
○ WET APPLY	○ WALL	● ECO-SOLVENT
● DRY APPLY	○ WRAP	● LATEX
○ LAMINATING	○ WINDOW	● UV CURABLE
○ MOUNTING	○ FLOOR	● SCREEN
● DIE CUTTABLE	○ TRANSLUCENT	● OFFSET (UV CURABLE)
○ HOT STAMP	○ FLEET	○ OFFSET (CONVENTIONAL)
○ THERMAL DIE	● GENERAL SIGNAGE	
● FLATBED CUTTABLE	● OUTDOOR (SHORT TERM)	
	● OUTDOOR (LONG TERM)	

SUBSTRATES

- ● OEM PAINTED METAL
- ● PAINTED ALUMINUM
- ● STAINLESS STEEL
- ○ LOW-ENERGY SURFACES
- ○ ACRYLIC
- ○ GLASS
- ○ POLYESTER

FAQS

What applications are GF 216 intended for?	GF 216 is designed for interior or exterior signage, decals, nameplates, point-of-purchase displays and general signage.
Can GF 216 be removed?	Most decals can be removed with some effort, even if they have a permanent adhesive. GF 216 has a standard permanent adhesive that works on a variety of surfaces. This adhesive is permanent and will not remove cleanly, but any adhesive transfer or residue can be cleaned up easily with standard adhesive removers.