

TECHNICAL DATA SHEET

GF 201HTAPAE 3.4 MIL MATTE WHITE VINYL HIGH-TACK PERMANENT ADHESIVE

GF 201HTAPAE is a 3.4 mil polymeric matte white calendered vinyl coated with a clear acrylic high-tack permanent adhesive (HTAP) with a 90# air egress layflat liner (AE). The 90# air-egress liner has excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics. GF 201HTAPAE is ideal for exterior signage, decals, nameplates and point-of-purchase displays. It can be adhered to a variety of substrates such as metals, painted metals, smooth wood, plywood, primed MDO board and vinyl. It also works well on ABS, styrene, polyester, polycarbonate and smooth polyolefins. This vinyl is designed to accept a variety of solvent, eco-solvent, UV curable and latex digital inks common to wide format digital printing systems.

PRODUCT NAME	201HTAPAE
FILM	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ μ 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 0.60 mm / CD \leq 0.20 mm
ADHESIVE	
Adhesive Type	Emulsion Acrylic
Adhesive Thickness (mils/ μ m)	0.8-1.0 / 20-25
Adhesive Color	Clear
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 15 min	3.5 / 15
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	3.8 / 17
Peel Strength on HDPE (lbs/in) / (N/25mm) 15 min	2.5 / 11
Peel Strength on HDPE (lbs/in) / (N/25mm) 24 hrs	2.8 / 12
LINER	
Liner Weight (#/gsm)	100 / 160
Liner Type	White PE-Coated Kraft, Air-Egress
Liner Thickness (mils/ μ m)	7.8 / 198
Release Force @ 300" / min (g/2")	50-70
PERFORMANCE GUIDANCE	
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
<p>APPLICATION</p> <ul style="list-style-type: none"> <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 	<ul style="list-style-type: none"> <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"/> OUTDOOR (SHORT TERM) <input checked="" type="radio"/> OUTDOOR (LONG TERM) 	<ul style="list-style-type: none"> <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)
<p>SUBSTRATES</p> <ul style="list-style-type: none"> <input checked="" type="radio"/> OEM PAINTED METAL <input checked="" type="radio"/> PAINTED ALUMINUM <input checked="" type="radio"/> STAINLESS STEEL <input checked="" type="radio"/> LOW-ENERGY SURFACES <input checked="" type="radio"/> ACRYLIC 		

FAQS

What applications is GF 201HTAPAE intended for?	GF 201HTAPAE is ideal for exterior signage, decals, nameplates and point-of-purchase displays. It can be adhered to a variety of substrates such as metals, painted metals, smooth wood, plywood, primed MDO board and vinyl. It also works well on ABS, styrene, polyester, polycarbonate and smooth polyolefins. (NOTE: Air-Egress adhesives are DRY APPLY ONLY).
Can GF 201HTAPAE be removed?	GF 201HTAPAE has an aggressive high-tack adhesive that bond well to hard-to-stick to surfaces. This adhesive is permanent and will not remove cleanly.