

TECHNICAL DATA SHEET

GF 201HTAP

3.4 MIL MATTE WHITE VINYL HIGH-TACK PERMANENT ADHESIVE

GF 201HTAP is a 3.4 mil polymeric matte white calendered vinyl with a clear acrylic high-tack permanent adhesive on a 90# layflat liner. The HTAP adhesive creates a permanent bond to a variety of common substrates such as metals, painted metals, smooth wood, plywood, primed MDO board, vinyl, ABS, styrene, polyester, polycarbonate as well as smooth polyolefins. This film 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	201HTAP
FILM	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ μ m)	3.4 / 86 (+/- 10%)
Film Weight (gsm)	120
Gloss (60°)	≤ 20
Opacity (%)	93
Tensile Strength (lbs/in)	MD ≥ 3000 / CD ≥ 2600
Elongation (%)	MD ≥ 90 / CD ≥ 150
Dimensional Stability (FTM 14)	MD ≤ 0.60 mm / CD ≤ 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	4.0 / 18
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
Peel Strength on HDPE (lbs/in) / (N/25mm) 15 min	3.0 / 13
Peel Strength on HDPE (lbs/in) / (N/25mm) 24 hrs	3.0 / 13
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White PE-Coated Kraft
Liner Thickness (#/gsm)	6.7 / 170
Release Force @ 300" / min (g/2")	30
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	5 years
RATINGS & CERTIFICATIONS	
Flammability	AS/NZS 3837: Group 1 (Test for Heat & Smoke Release Rates for Material and Products using an Oxygen Consumption Calorimeter)

GF 201HTAP | FEBRUARY 2021

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PRODUCT SNAPSHOT	APPLICATIONS	INK TYPE
APPLICATION <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)
SUBSTRATES <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 GF 201HTAP intended for?	<p>GF 201HTAP 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.*</p> <p><i>* NOT intended for use on Dirt Bikes, Quads, Snowmobiles & UTV's. GF 235 MotoMark Vinyl & GF 238 MotoMark Laminate are the recommended products for those applications.</i></p>
Can GF 201HTAP be removed?	<p>GF 201HTAP has an aggressive clear high-tack adhesive that that bond well to hard-to-stick to surfaces. This adhesive is permanent and will not remove cleanly.</p>