

**TECHNICAL
DATA
SHEET**

GF 203HTAPAE

3.0 MIL GLOSS WHITE VINYL HIGH-TACK PERMANENT ADHESIVE

GF 203HTAPAE is a 3.0 mil polymeric gloss white calendered vinyl coated with a clear acrylic high-tack permanent adhesive (HTAP) on a 90# air-egress layflat liner (AE). The 90# air-egress liner offers excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics. The HTAPAE adhesive 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	203HTAPAE
FILM	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ μ m)	3.0 / 76 (+/- 10%)
Film Weight (gsm)	104
Gloss (60°)	\geq 80
Opacity (%)	94
Tensile Strength (lbs/in)	MD \geq 3500 / CD \geq 3500
Elongation (%)	MD \geq 200 / CD \geq 200
Dimensional Stability (FTM 14)	MD \leq 1.60 mm / CD \leq 1.10 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 2-sided PE-Coated Kraft, Air-Egress
Liner Thickness (#/gsm)	7.8 / 198
Release Force @ 300" / min (g/2")	50-100
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 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 are GF 203HTAPAE intended for?	GF 203HTAPAE is ideal for interior or exterior signage, decals, name-plates, point of-purchase displays and general signage. It has superior bond to MDO Board, Powder coated metals, ABS, Sintra board, Coroplast, HDPE, Styrene, Polypropylene and Polyolefin.
Can GF 203HTAPAE be removed?	GF 203HTAPAE has an aggressive high-tack adhesive that can be used to stick to hard-to-stick to surfaces. This adhesive is permanent and will not remove cleanly.