

TECHNICAL DATA SHEET

GF 203HTAP

3.0 MIL GLOSS WHITE VINYL HIGH-TACK PERMANENT ADHESIVE

GF 203HTAP is a 3.0 mil polymeric gloss white calendered vinyl coated with a clear acrylic high-tack permanent adhesive (HTAP) on a 90# layflat liner. The 90# liner offers excellent product layflat in a variety of ambient conditions along with ease of application of large format graphics. The HTAP 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	203HTAP
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	3.8 / 17
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
Peel Strength on HDPE (lbs/in) / (N/25mm) 15 min	2.8 / 12
Peel Strength on HDPE (lbs/in) / (N/25mm) 24 hrs	3.0 / 12
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White 2 sided PE-Coated Kraft
Liner Thickness (#/gsm)	6.7 / 170
Release Force @ 300" / min (g/2")	25-60
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
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 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 are GF 203HTAP intended for?	GF 203HTAP is ideal for interior or exterior signage, decals, nameplates, point of-purchase displays and general signage. 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.
Can GF 203HTAP be removed?	GF 203HTAP 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.