

TECHNICAL DATA SHEET

VFW-NTC-HTAP/90

3.4 MIL MATTE WHITE VINYL HIGH-TACK PERMANENT ADHESIVE

VFW-NTC-HTAP/90 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	VFW-NTC-HTAP/90
FILM	
Film Type	White Polymeric Vinyl
Film Thickness (mils/ μ m)	3.2 / 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 0.50 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	2.5 / 11
Peel Strength on Stainless Steel (lbs/in) / (N/25mm) 24 hrs	4.0 / 18
LINER	
Liner Weight (#/gsm)	90 / 145
Liner Type	White PE-Coated Kraft
Liner Thickness (mils/ μ m)	6.7 / 170
Release Force @ 300" / min (g/2")	10-25
PERFORMANCE GUIDANCE	
Application Temperature	\geq +30 °F
Service Temperature	-40 °F to 180 °F
Shelf Life	1 year
Storage Temp / Rel. Humidity	70 °F / 50%
Outdoor Durability	3 years
Removability	1 year
RATINGS & CERTIFICATIONS	
Marine Immersion	BS 5609 : 1986 Sections 2 & 3

TECHNICAL DATA SHEET

VFW-NTC-HTAP/90 - 3.4 MIL MATTE WHITE VINYL HIGH-TACK PERMANENT ADHESIVE

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"/> LAMINATION <input type="radio"/> HOT STAMP <input checked="" type="radio"/> DIE CUTTABLE <input type="radio"/> THERMAL DIE <input checked="" type="radio"/> FLATBED CUTTABLE <input type="radio"/> CONTOUR CUTTABLE 	<ul style="list-style-type: none"> <input checked="" type="radio"/> POP/RETAIL <input type="radio"/> WALL <input type="radio"/> WRAP <input type="radio"/> WINDOW <input type="radio"/> FLOOR <input type="radio"/> TRANSLUCENT <input type="radio"/> FLEET <input type="radio"/> GENERAL SIGNAGE <input checked="" type="radio"/> GENERAL SIGNAGE <input checked="" type="radio"/> OUTDOOR (LONG TERM) 	<ul style="list-style-type: none"> <input type="radio"/> SOLVENT <input type="radio"/> ECO-SOLVENT <input type="radio"/> LATEX <input 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 VFW-NTC-HTAP/90 intended for?	VFW-NTC-HTAP/90 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.
Can VFW-NTC-HTAP/90 be removed?	VW-NTC-HTAP/90 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.