

VECTOR[®]

Service, Performance, Reliability™



*The industry's
most trusted supplier
of Specialty Films*

TECHNICAL DATA:

Vector's VMPI1005

Solvent Ink Jet Printable White Cast Vinyl

The VMPI1005 is a specially formulated cast vinyl designed to optimize solvent ink jet printing. The cast vinyl promotes consistent ink dot size to optimize print color and quality. The solvent inks show excellent drying and anchoring properties to the film. This film comes with a gray block out primer and positionable adhesive.

Applications	Designed to accommodate the toughest applications including rivets and corrugations, as well as surfaces formed after material application.	
Film Caliper	.002 inches	
Adhesive	Positional Acrylic	
Release Liner	90# Polyethylene two sides Layflat liner	
Printability	Solvent Ink Jet, thermal inks, solvent and UV screen inks Pretesting of all inks and printing methods is recommended.	
Processability	Steel rule. Thermal and Rotary Die-cutting; Computerized Signmaking	
Outdoor Durability	7 years	
Dimensional Stability	.01 in. - 48hrs. at 150°F (applied to an aluminum peel)	
Temperature Ranges	Minimum application temperature is +45°F. (Flat and Curved surfaces) Service temperature range is -50°F to +225°F.	
Adhesion	To stainless steel - 20min. for 28 oz./in. 24hrs. for 40 oz./in.	
Removability	Within 2 years with heat or chemicals	
Storage Stability	1-year shelf life when stored at 73°F and 50% relative humidity.	
Elongation	120%	
60° Gloss	80 minimum	
Chemical Resistance	Distilled Water (24hrs)	No Effect
	SAE 20 Motor Oil (24hrs)	No Effect
	Gasoline (1hr)	No Effect
	10% HCL (10min)	No Effect
	10% NH ₄ OH (10min)	No Effect



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925 Saw Mill River Rd., Yonkers, NY 10710

T: 914-963-8500 or 800-345-6027 • F: 914-963-9125 or 888-590-9125

www.vectorgraphics.com • sales@vectorgraphics.com