

VECTOR[®]

Service, Performance, Reliability™



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

TECHNICAL DATA:

Vector's V1000 Series Cast

Cast Vinyl Film

The V1000 Series is a premium high performance cast vinyl film engineered for use on irregular surfaces with rivets and corrugations and also where extended outdoor durability is required. It is used for recreational vehicles, fleet, marine and automotive graphics and striping, architectural signage, decals, computerized sign making and service station markings.

Applications	Designed to accommodate the toughest applications including rivets and corrugations, as well as surfaces formed after material application.	
Film Caliper	.002 inches	
Adhesive	Permanent Acrylic	
Release Liner	Clear, White, Black - 78# Kraft 90# Polycoated Layflat Available Opaque Colors include: 78# Kraft Standard 90# Polycoated Layflat Available	
Printability	Inks	Conventional and UV-Curable
	Methods	Flat and Rotary Screenprinting
	Pretesting of all inks and printing methods is recommended.	
Processability	Steel rule. Thermal and Rotary Die-cutting; Computerized Signmaking	
Outdoor Durability	8 years	
Dimensional Stability	.015 in. - 48hrs. at 150°F	
Temperature Ranges	Minimum application temperature is +40°F. Service temperature range is -50°F to +225°F.	
Adhesion	To stainless steel - 20min. for 45 oz./in. 24hrs. for 64 oz./in.	
Storage Stability	2-year shelf life when stored at 73°F and 50% relative humidity.	
Film Flammability	Self-extinguishing	
Chemical Resistance	Anti-freeze (24hrs)	No Effect
	Detergent (24hrs)	No Effect
	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
Standard Sizes	48"x50 yds. 60"x50 yds.	



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