

VECTOR[®]

Service, Performance, Reliability™



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

TECHNICAL DATA:

Vector's V5000 Translucent Cast Vinyl

Translucent Cast Vinyl

The Translucent Series is a premium, high performance cast vinyl film engineered with excellent weathering and aging characteristics.

Applications	Used to produce graphics or background colors for awnings, flexible sign face materials and glass, acrylic and polycarbonate sign or window substrates where daylight highlights the bright colors and backlighting illuminates film at night.	
Film Caliper	.002 inches	
Adhesive	Permanent Acrylic	
Release Liner	90# Kraft 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	5 years	
Dimensional Stability	.01 in. - 48hrs. at 150°F (applied to an aluminum peel)	
Temperature Ranges	Minimum application temperature is +50°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.	
Elongation	120%	
60° Gloss	30 +/-5	
Chemical Resistance	Distilled Water (24 hrs)	No Effect
	SAE 20 Motor Oil (1 hr)	No Effect
	Gasoline (30 min)	No Effect
	10% HCL (10 min)	No Effect
	10% NH ₄ OH (10 min)	No Effect



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