

SPECGUIDE

670 SERIES OPAQUE CAST VINYL FILMS

The 670 Series is a premium high performance cast vinyl film engineered for use on irregular surfaces with rivets, corrugations and where extended outdoor durability is required. It is used for recreational vehicle, fleet, marine and automotive graphics and striping; architectural signage; decals; computerized sign making and service station markings.

Specific features include:

High Quality Films

Design to accommodate the toughest applications, including rivets and corrugations, as well as surface formed after material applications.

Wide Range of Colors

In addition to 80 standard opaque colors, custom color matching to your specification is available.

Product Description		Typical Performance Values	
Film Caliper	.002 inches	Adhesion Values	
Adhesive	Permanent Acrylic	Stainless Steel Substrate	
Release Liner	Clear, White, Black-78# Kraft or 90# Polycoated Layflat Standard	180° Peel @ 10 in./Min. 73°F	
Printability	Opaque Colors-78# Kraft Standard 90# Polycoated Layflat Available	20 Min.	45 Oz./In.
Inks	Conventional and UV-Curable	24 Hrs.	64 Oz./In.
Methods	Flat and Rotary Screenprinting	Shelf Life	
Pretesting of all inks and printing methods is recommended		(@ 73°F, 50% R.H.)	
Processability	Steel Rule, Thermal and Rotary Die-cutting & Computerized Signmaking	2 years	
Outdoor Durability	7 years	Elongation	
Minimum Substrate Application Temp.	40° F	120%	
Service Temp. Range	-50° F to + 225° F	60° Gloss	
Colors Available	80 Standard Opaque	80 Min.	
Standard Sizes	48" x 50 Yd. & 48" x 250 Yd. Rolls	Dimensional Stability	
		(48 Hrs. @ 150°F)	
		0.01 in.	
		Chemical Resistance	
		Distilled Water (24 Hrs.)	No Effect
		SAE 20 Motor Oil (24 Hrs.)	No Effect
		Gasoline (30 Min.)	No Effect
		10% HCL (10 Min.)	No Effect
		10% NH ₄ OH (10 Min.)	No Effect

Any values presented in this data sheet are typical. The information is given in good faith without warranty.