

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

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