

SPECGUIDE

640 SERIES GEMSTONE METALLICS

The Gemstone Metallics are a cast vinyl film series with excellent surface gloss, color depth and complete opacity. It provides dynamic graphic accents and can be used for RV and marine applications, automotive aftermarket graphics and striping, computerized signmaking, tradeshow exhibits and point-of-purchase displays.

Specific features include:

High Quality Appeal

Decorative film with a high concentration of metallic flakes in fifteen unique colors.

Flexible Face Film

Offers superior cutability with conventional die-cutting and computer signmaking systems, as well as easy application over flat and contoured surfaces.

Five-Year Outdoor Durability

To meet a variety of your graphics display needs.

PRODUCT DESCRIPTION		TYPICAL PERFORMANCE VALUES	
Film Caliper	.003 inches	Adhesion Values	
Adhesive	Permanent Acrylic	Stainless Steel Substrate	
Release liner	78# Kraft	180° Peel @ 10 in./Min.	
Printability	Printing not recommended	73° F	
Processability	Steel Rule, Thermal and Rotary Die-cutting; Computerized Signmaking	20 Min.	45 Oz./in.
Outdoor Durability	5 Years	24 Hrs.	64 Oz./in.
Minimum Substrate Application Temp.	40° F	Shelf Life	
Service Temp. Range	-50° F to + 225° F	(@ 73° F, 50% R.H.)	
Colors Available	Diamond, Topaz, Rose Quartz, Cinnabar, Amethyst, Beryl, Dark Amethyst, Azurite, Sapphire, Smoky Quartz, Light Onyx, Aventura, Cobalt Blue, Emerald Green, Fire Opal,	Elongation	
Standard Sizes	48" X 50 Yd. & 48" x 250 Yd. Rolls	80%	
		Dimensional Stability	
		(48 Hrs. @ 150° F)	
		.02 in.	
		Chemical Resistance	
		Anti-freeze (24 Hrs.)	No Effect
		Detergent (24 Hrs.)	No Effect
		Distilled Water (24 Hrs.)	No Effect
		SAE 20 Motor Oil (24 Hrs.)	No Effect
		Gasoline (1 Hr.)	No Effect
		10% HCL (10 Min.)	No Effect
		10% NH4 OH (10 Min.)	No Effect

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