

Digital Window Graphics

E-2104ZC

PRODUCT DESCRIPTION:

E-2104ZC is a 2 mil optically clear polyester with a scratch resistant (SR) topcoating that offers excellent clarity, dimensional stability, scratch resistance, and printability. Specifically designed to ensure good adhesion with UV curable inks. Coated with NPL ultra clear high performance permanent acrylic adhesive which exhibits excellent optical clarity, adhesive flow, and excellent adhesion on a broad range of surfaces. The thicker 4 mil liner is designed to absorb the heat created during printing to minimize buckling and wrinkling of the film.

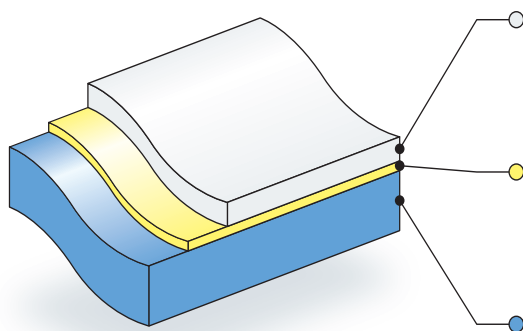
TYPICAL APPLICATIONS:

Architectural window decorations, glass & plastic displays, window graphics, labels and decals

TYPICAL INDUSTRY SECTORS:

Architectural signage, interior design, point of sale advertising, and window displays.

PERFORMANCE:



Facestock: 2 mil optically clear scratch resistant topcoated polyester that offers excellent clarity and dimensional stability combined with good high temperature and humidity resistance. The optically clear polyester provides high resolution imaging with excellent adhesion to UV curable inks.

Adhesive: NPL ultra clear permanent acrylic adhesive has excellent chemical, humidity, and temperature resistance. NPL has been specifically developed for clear film applications requiring excellent optical clarity, flow-out properties, and resistance to ooze. Wet apply recommended for window applications.

Liner: 4 mil clear polyester liner designed to ensure adhesive smoothness and preserve the films optical clarity. The 4 mil thickness is designed to absorb the heat creating during printing to minimize buckling.

GENERAL CHARACTERISTICS

Properties	Typical Values		Unit of Measure	Test Method
Physical	Film		2 mil ± 10%	
	Adhesive		1 mil ± 10%	
	Liner		4 mil ± 10%	
Peel Adhesion	Initial	24 Hours		
Stainless Steel	12.2	16.4	g/25mm @ 72°F, 50% RH	FTM I
Glass	13.8	15.8		
Shear Resistance	>650		Minutes	FTM 8
Dimensional Stability	Excellent		Inches	FTM 14
Chemical Resistance	3.5 = Good		Grey Scale 1 = Poor 5 = Excellent	AATCC 8
Minimum Application Temperature	+40°F			
Service Temperature Range	-40°F to +275°F			

The statements in this technical information are based up on our knowledge and practical experience. This data is intended only as a source of information, and is given without any guarantee and does not constitute a warranty. Due to the wide variety of possible applications, customers should determine the suitability of this material for their specific purpose prior to use.

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