

Window Film Specifications

Digital Window Graphics E-NV2100 PRODUCT DESCRIPTION: E-NV2100 is a 2 mil optically clear polyester with a scratch resistant (SR) top-coating 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 UV stability as well as excellent adhesion on a broad range of surfaces.

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 top-coated 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: 2 mil clear polyester liner designed to ensure adhesive smoothness and preserve the films optical clarity.

GENERAL CHARACTERISTICS

Physical Film Adhesive Liner 2 mil \pm 10% 1 mil \pm 10% 2 mil \pm 10%

Peel Adhesion - Initial 24 Hours g/25mm @ 72°F, 50% RH FTM 1 Stainless Steel 12.2 16.4 Glass 13.8 15.8

Fire Rating - Class A (Highest Retardancy)

Flame & Smoke Spread - ASTM E-84

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

Questions contact: Scott Mack scott@nvwindowfilm.com

