

## PRODUCTION DESCRIPTION

Digital self-adhesive vinyl is a soft, seamless, monomeric calendared PVC film. Designed to meet high-resolution printing needs on a variety of applications from vehicle wraps to outdoor graphic applications. Ideal for exterior use on flat or simple curved surfaces.

## FEATURES

- Self adhesive vinyl material consistency for superior color expression and excellent printing performance
- High tensile strength and flexibility for operation
- High opacity and milky white color calendared vinyl film
- Superior weather resistant property
- Compatible with an extensive array of Solvent and Eco Solvent printers

## APPLICATIONS

- Building or wall's wrap decoration, Vehicle graphics, Window and Display graphics
- Interior and exterior signs, Point of sale advertising

## GENERAL AVAILABILITY

42 inches (1.05 meters) x 50M Roll Type  
50 inches (1.27 meters) x 50M  
54 inches (1.37 meters) x 50M  
60 inches (1.52 meters) x 50M

## TECHNICAL DATA

Base Film	3.93 mil Monomeric Calendared PVC
Film Color & Finish	White & Gloss
Adhesive	Clear Permanent Aqueous based PSA
Release Liner	100g/m <sup>2</sup> Both Side PE Coated Paper Liner

## PHYSICAL PROPERTIES

Total Thickness(including adhesive)	10.8 mil ( $\pm 4\mu\text{m}$ )
Opacity(Transmission)	90%
Film Gloss	90 $\pm$ 3 (at 60°)
Initial Adhesion(SUS) 24hr after application	2,500 $\pm$ 200g/inch at SUS 304    ASTM D 3330
Film Shrinkage	Less than 0.5mm at Fruehauf painted panel    ASTM D 2732
Tensile Strength	8.75 $\pm$ 0.10 kgf/inch (18.74 $\pm$ 0.22)    ASTM D 638
Elongation at Break	310 $\pm$ 30%    ASTM D 638
Recommended Storage Conditions	77°F (25°C), 50% RH
Recommended Application temp.	59°F (15°C) to 95°F (35°C)
Shelf Life Expectancy	2 year
Outdoor Durability	3 years

## PRINTER AND INK COMPATIBILITY

Compatible with Echo-Solvent or Mild Solvent as well as Pure Solvent inks.

## RoHS Certification

- PSA & PVC that make up this products are already certificated by KTR about RoHS. KTR(Korea Testing & Research Institute) is recognized by international standards.
- Testing method -KS M 0032, KS M0016 & US EPA 8270D

*Specification and details are offered in good faith but will not be accepted in matters of warranty.*

*For updated technical specifications, please refer to data sheets on our internet site [www.kcsltd.co.kr](http://www.kcsltd.co.kr)*