

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 | 3.6 mil Monomeric Calendared PVC |
| Film Color & Finish | Transparent & Gloss |
| Adhesive | Clear Permanent PSA |
| Release Liner | 100g/m ² Both Side PE Coated Paper Liner |

PHYSICAL PROPERTIES

| | |
|--|---|
| Total Thickness(including adhesive) | 10.2 mil ($\pm 2\mu\text{m}$) |
| Opacity(Transmission) | 7% |
| Film Gloss | 90 \pm 3 (at 60°) |
| Initial Adhesion(SUS) 24hr after application | 2,300 \pm 100g/inch at SUS 304 ASTM D 3330 |
| Film Shrinkage | Less than 0.5mm at Fruehauf painted panel ASTM D 2732 |
| Tensile Strength | 9.15 \pm 0.10 kgf/inch (18.74 \pm 0.22) ASTM D 638 |
| Elongation at Break | 325 \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 years |
| 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