

**PRODUCTION DESCRIPTION**

High quality and pressure sensitive water based cold laminating films. Used for the protection against abrasion, fading colors, graffiti and scratched dirty as well as enhancing the colour depth and finish of the print. Ideal for all permanent and durable applications. Lustrous film is used for non-lighting and lusterless film for lighting.

**FEATURES AND APPLICATIONS**

- Super flexible wrinkle-free and curling-free laminating films.
- Enhance color and durability of images
- Water-proof and chemical resistance
- Protect against UV radiation and abrasion
- Used for coating output surface and preventing faded colors.

**FORM PROPERTIES**

CHARACTERISTIC	DESCRIPTION
Base Film	Calendared PVC
Film Color	Transparent
Film Surface	Gloss
Film Thickness	90 $\mu$ m
Adhesive Thickness	23 $\mu$ m $\pm$ 1
Film Gloss	90 $\pm$ 3(at 60°)
Adhesive Type	Permanent PSA
Adhesive Color	Clear
Liner	180g/m <sup>2</sup> Single Side PE Coated Paper Liner
Core Size	3 inches
Roll Sizes	36 inches (0.915 meters) X 50yd (45m) 50 inches (1.27 meters) X 50yd (45m) 60 inches (1.52 meters) X 50yd (45m)

**APPLICATION PROPERTIES**

CHARACTERISTIC	DESCRIPTION
Initial Adhesion (SUS)	2,000 $\pm$ 100 gf/inch at SUS 304
24hr after application	ASTM D 3330
Film Shrinkage	Less than 0.5mm at Fruehauf painted pannel
	ASTM D 2732
Tensile Strength	9.15 $\pm$ 0.10 kgf/inch (14.48 $\pm$ 0.22 lbf/inch)
	ASTM D 638
Elongation	325 $\pm$ 30 %
	ASTM D 638

**RoHS Certification**

- PSA & PVC that make up this products are already certificated by KTR about RoHS. KTR(Korea Testing & Research is recognized by international standards.
- Testign 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)*