

LG Hausys Sign & graphic materials

LW014PM

Vivid Vision Film

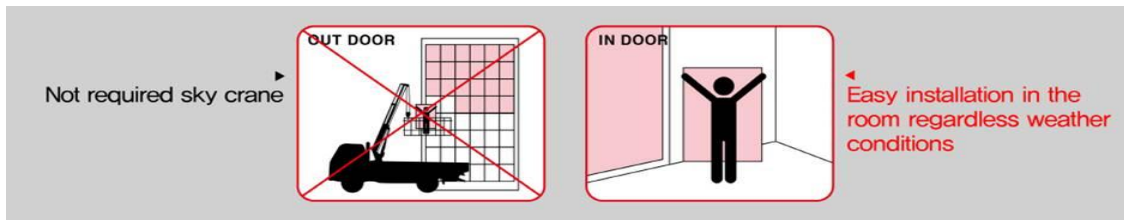
Description

LW014PM is a PET film supplied with acrylic removal pressure sensitive adhesive. It is specially designed backlit film which is maximized Light Diffusion effect. So images on vivid vision film are very brighter and vivid day and night.

Features

- Short term Indoor & Outdoor usage
- Excellent printing performance (Latex, UV)
- Two way vision for window applications
- Easy Installation & easy removability with removal adhesive
- Strong Visibility than clear film with light diffusion effect.
- Liner: Super flat, PET Liner(1 side silicone, 1 side matte finish which is anti-electrostatic coating)

Applications



- Window applications (Both Indoor & outdoor installations)



Road Shop Eye-catching
LG Hausys



Day Off Advertisement

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Characteristics

Item	Description
Film	85 microns PET film with special coating
Thickness	100 microns with adhesive (± 10%)
Adhesive	Acryl Removal adhesive
Adhesive Color	Clear
Liner	PET Liner(1 side silicone, 1 side matte finish)
Application surfaces	Flat surfaces
Application temp.	≥10℃ (18 to 25℃ optimum)

Durability

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is less than 1 year when properly processed and applied (unprinted film vertical exposure).

Shelf Life

Shelf life is 1 year from factory shipment.

Storage condition: Free from excessive moisture, temperature, direct sunlight (20℃ x 50% R.H)

Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	100µm ± 10%	Micrometer
Tensile strength	≥ 2kg/cm	ASTM 882
Elongation	≤ 10%	ASTM 882
Peel adhesion(24hrs)	≤ 1,000g/in	180 peeling PSTC-1
Diffusion Effect(Td)*	≥ 70	Haze/Diffusion Meter(ASTM D1003-95)
Service temp. range	-25℃ ~ 82℃	Film applied Al panels 24hrs prior test
Application temp.	≥ 10℃	18 to 25℃ optimum, on clean substrate
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (80℃ Oven, 24hr , Average)
Release liner thickness	0.05mm ± 10%	Micrometer



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** Light Diffusion Effect Comparison with other LG product*

Material	LG Vivid Vision	LG Clear PET	LG Translucent DPM	LG Opaque DPM
Transmittance(Tt)	81	93	28	7
Diffusion Effect(Td)	74	1	28	7

Test Method : ASTM D1003-95



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