

## Features



**65** micron Opaque Glossy Colored PVC film



**Permanent & Clear** adhesive



**Double-side PE Coated** Liner



**Up to 6** years durability  
(Black & White 7 years, Metallic 5 years)



### Applications

- Outdoor Signage
- Indoor Signage
- Vehicle Wraps
- Vehicle slight curve
- Back-lit
- Window
- Smooth Wall
- Textured Wall
- LSE (PP, PE, ABS)
- Signboard (Lettering)



### Fire Certification

Class B. BS EN 13501-1:2007



### Printers

- Solvent Inkjet
- Latex Inkjet
- UV Inkjet
- Screen Printing
- Not Printable



### Roll Sizes

- 100cm (39in)
- 105cm (41in)
- 110cm (43in)
- 122cm (48in)
- 127cm (50in)
- 137cm (54in)
- 152cm (60in)
- 155cm (61in)
- 160cm (63in)

## Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	90 $\mu$ m $\pm$ 10%	Micrometer
Tensile strength	$\geq$ 1.8kg/cm	ASTM 882
Elongation	$\geq$ 100%	ASTM 882
Peel adhesion(24hrs)	$\geq$ 1,400g/in	180 peeling PSTC-1
Application temp.	$\geq$ 10 $^{\circ}$ C	18 to 25 $^{\circ}$ C optimum, on clean substrate
Gloss	60 $\uparrow$	@60, in Machine Direction (ASTM D 2457)
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (100 $^{\circ}$ C Oven, 2hr , Average)
Release liner thickness	0.14mm $\pm$ 10%	Micrometer

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## Recommendation



### Shelf life

Shelf life is 12 months from factory shipment.  
Storage condition: Free from excessive moisture, temperature, direct sunlight (20 °C x 50% R.H)



### Durability

Durability is based on unprinted film vertical exposure  
Please see Durability guide of LG Hausys ([www.lghausys.com](http://www.lghausys.com))



### Converting Method

#### Cutting

- Electro cut/Hand cut/Kiss cut/Die cut  
⇒ These factors can affect cutting and weeding quality
- Weight on the knife: Slightly notch the liner.
- Sharpness of the knife blade: Dull knives creates a serrated look to cut edge of the film  
⇒ LG recommends vinyl weeding takes place soon after cutting (Within 1 Hour).

If weeding is delayed too long and if the temperature is too high, the adhesive layer could “reseat” itself and could hinder the ease of weeding.



### Compatible Products

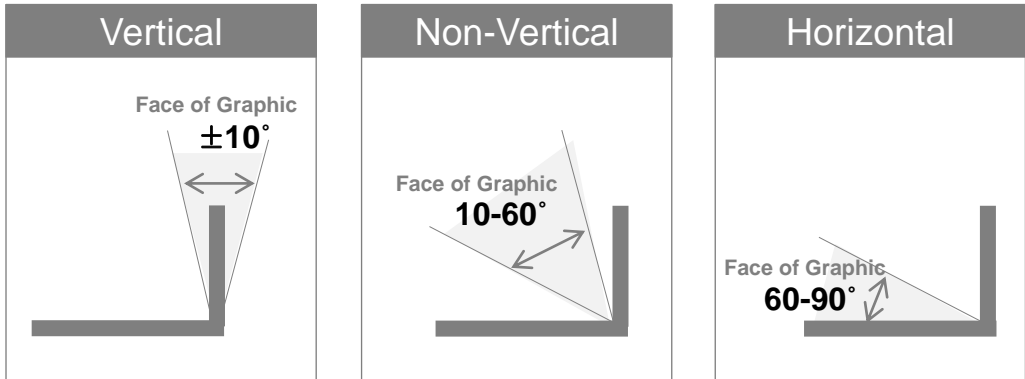
- LG Hausys' Flexible sign faces (Flex)
- LG Hausys' Application Tape (LC2000)

## Durability Guide



### Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (5 years product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	5 years × 100% = 5 years
Non-Vertical	60%	30%	5 years × 60% = 3 years
Horizontal	30%	15%	5 years × 30% = 1.5 years



Please refer to LG Hausys durability guide of zone 1,2 and 3. (Zone system chart)

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