

## Features



**80 micron Monomeric White PVC film**



**Permanent & Clear adhesive**



**Double-side PE Coated  
Air Free Liner**



**Up to 2 years durability**



### 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

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

## Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	105 $\mu$ m $\pm$ 10%	Micrometer
Tensile strength	$\geq$ 1.8kg/cm	ASTM 882
Elongation	$\geq$ 100%	ASTM 882
Peel adhesion(24hrs)	$\geq$ 1,200g/in	180 peeling PSTC-1
Application temp.	$\geq$ 10 $^{\circ}$ C	18 to 25 $^{\circ}$ C optimum, on clean substrate
Gloss : LD270TG	60 $\uparrow$	@60, in Machine Direction
LD270TM	20 $\downarrow$	(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

The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall LG Hausys Ltd be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet. All LG Hausys vinyl sold subject to our conditions of sale. LG Hausys also retains the right to change sizes and specifications of products without prior notice.

## 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))



### Lamination Film

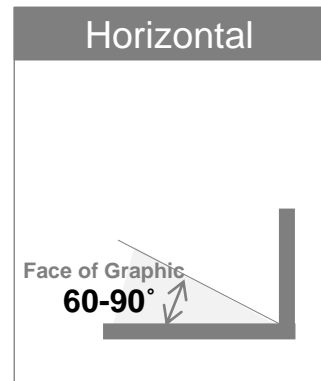
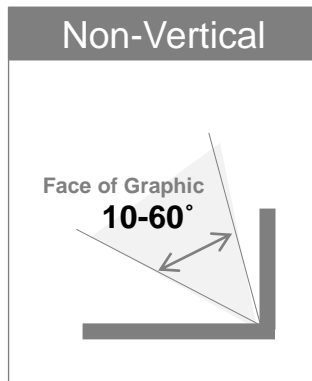
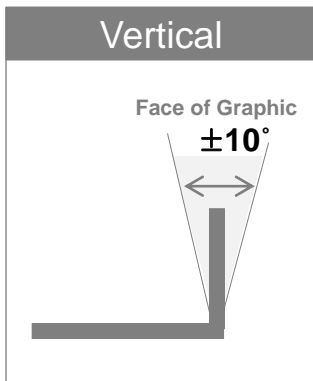
LD27 Series are recommended to use with LP2812 (LG Lamination Film)

## Durability Guide



### Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (2 years product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	2 years × 100% = 2 years
Non-Vertical	60%	30%	2 years × 60% = 1.2 years
Horizontal	30%	15%	2 years × 30% = 0.6 years



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