

## Features



**50 micron Polymeric White PVC film**



**Repositionable & Grey adhesive**



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



**Up to 5 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)



**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)	80 $\mu$ 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 : LD593TG	60 $\uparrow$	@60, in Machine Direction
LD593TM	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

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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))



### Lamination Film

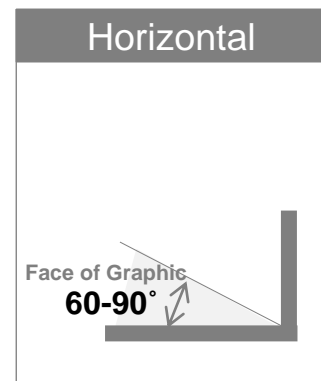
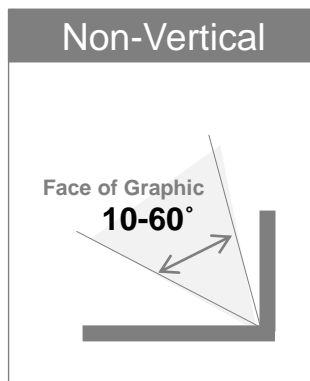
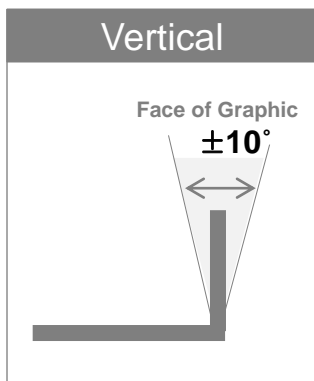
LD59 Series are recommended to use with LP5912 (LG Lamination Film)

## 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)