

## Features



**50 micron CAST White PVC film**



**Repositionable & Grey adhesive**



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



**Up to 7 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)
- 122cm (48in)
- 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 : LD923TG	60 $\uparrow$	@60, in Machine Direction
LD923TM	30 $\downarrow$	(ASTM D 2457)
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (100 $^{\circ}$ C Oven, 2hr , Average)
Release liner thickness	0.18mm $\pm$ 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

**Cast DPM Series are recommended to use with LG Cast lamination film**

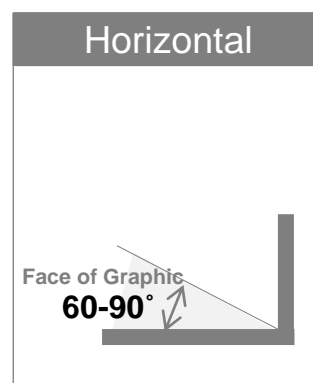
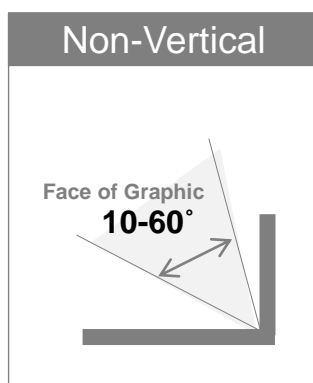
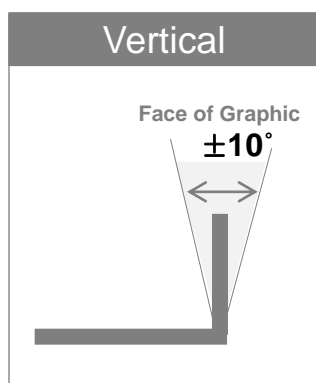
- LP80990, LP90990 : 58 $\mu$ m Cast
- LP809904, LP909904 : 40 $\mu$ m Cast
- LFC80990 : 58 $\mu$ m Cast with PVDF(Top Layer)

## Durability Guide



### Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (7 years product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	7 years × 100% = 7 years
Non-Vertical	60%	30%	7 years × 60% = 4 years
Horizontal	30%	15%	7 years × 30% = 2 years



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

[www.lghausys.com](http://www.lghausys.com)