

Features



50 micron CAST White PVC film



Ultra tack & Clear adhesive



Double-side PE Coated Liner



Up to 1 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)	95 μ m \pm 10%	Micrometer
Tensile strength	\geq 1.8kg/cm	ASTM 882
Elongation	\geq 100%	ASTM 882
Peel adhesion(24hrs)	\geq 2,000g/in	180 peeling PSTC-1
Application temp.	\geq 10 $^{\circ}$ C	18 to 25 $^{\circ}$ C optimum, on clean substrate
Gloss : LD9280G	60 \uparrow 20 \downarrow	@60, in Machine Direction (ASTM D 2457)
Dimensional Stability	Max 1.2mm	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)



Lamination Film

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

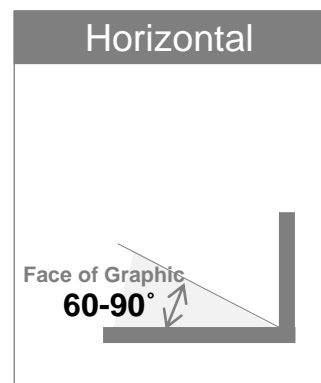
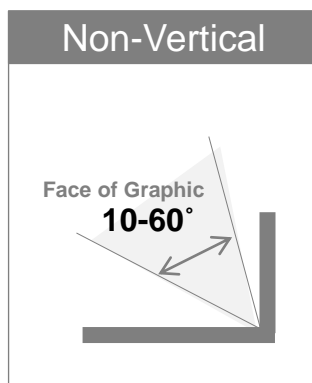
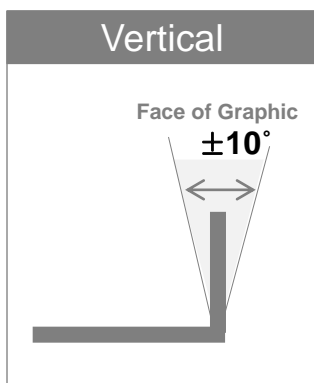
- LP80990, LP90990 : 58 μ m Cast
- LP809904, LP909904 : 40 μ m Cast
- LFC80990 : 58 μ m Cast with PVDF(Top Layer)

Durability Guide



Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (1 year product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	1 year × 100% = 1 year
Non-Vertical	60%	30%	1 year × 60% = 0.6 year
Horizontal	30%	15%	1 year × 30% = 0.3 year



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

www.lghausys.com