

Features



50 micron CAST White PVC film



Permanent & 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 μ 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 : LD921TG	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	0.18mm \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)



Lamination Film

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

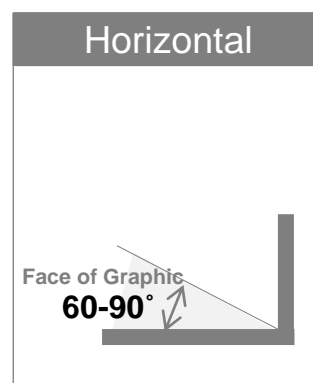
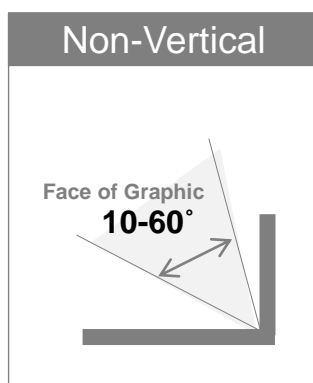
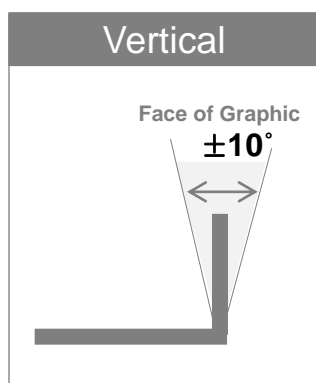
- LP80990, LP90990 : 58 μ m Cast
- LP809904, LP909904 : 40 μ m Cast
- LFC80990 : 58 μ m Cast with PVDF(Top Layer)

Durability Guide



Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (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