

Features



100 micron **Monomeric** White PVC film



Permanent & Grey 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)	125 μ 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 : LD281TG	60 \uparrow	@60, in Machine Direction
LD281TM	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)



Lamination Film

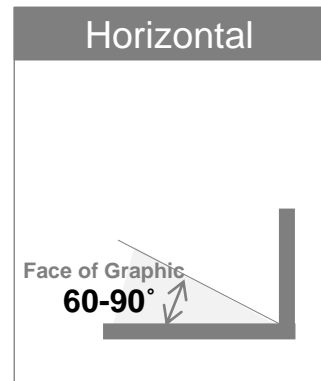
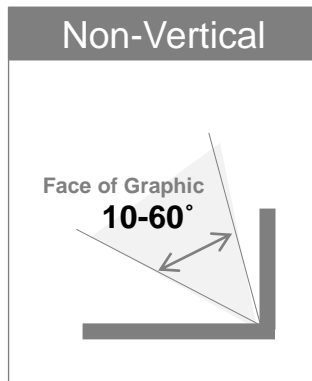
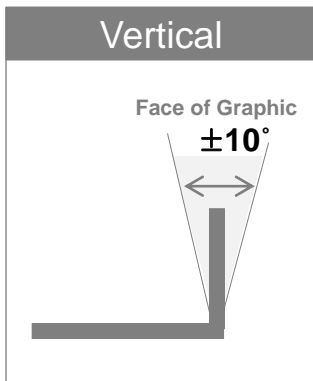
LD28 Series are recommended to use with LP2812 (LG Lamination Film)

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)