

Features



80 micron Monomeric White PVC film



Removable & Grey adhesive



Double-side PE Coated 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) | 105 μ m \pm 10% | Micrometer |
| Tensile strength | \geq 1.8kg/cm | ASTM 882 |
| Elongation | \geq 100% | ASTM 882 |
| Peel adhesion(24hrs) | \geq 800g/in | 180 peeling PSTC-1 |
| Application temp. | \geq 10 $^{\circ}$ C | 18 to 25 $^{\circ}$ C optimum, on clean substrate |
| Gloss : LD2750G | 60 \uparrow | @60, in Machine Direction |
| LD2750M | 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

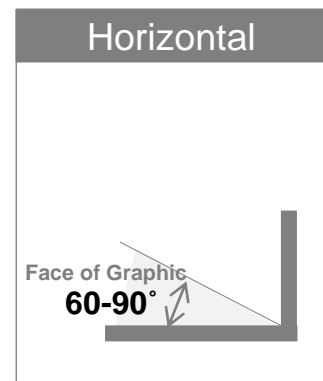
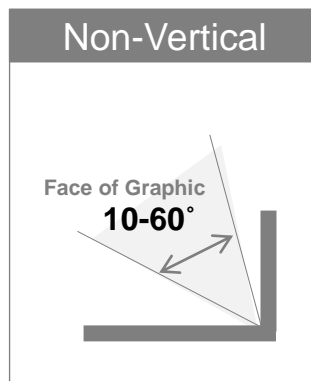
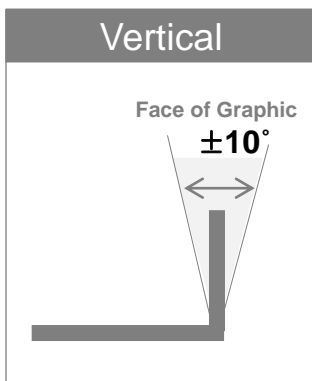
LD27 Series are recommended to use with LP2812 (LG Lamination Film)

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)