

Features



90 micron Monomeric Clear PVC film



Permanent & Clear adhesive



Double-side PE Coated Liner



Up to 3 years durability



Applications

- | | |
|---|---|
| <input type="checkbox"/> Outdoor Signage | <input type="checkbox"/> Window |
| <input type="checkbox"/> Indoor Signage | <input type="checkbox"/> Smooth Wall |
| <input type="checkbox"/> Vehicle Wraps | <input type="checkbox"/> Textured Wall |
| <input type="checkbox"/> Vehicle slight curve | <input type="checkbox"/> LSE (PP, PE, ABS) |
| <input type="checkbox"/> Back-lit | <input type="checkbox"/> Signboard (Lettering) |
| | <input checked="" type="checkbox"/> Overlaminates |



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) | 115 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 : LP3812G | 60 \uparrow | @60, in Machine Direction |
| LP3812M | 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

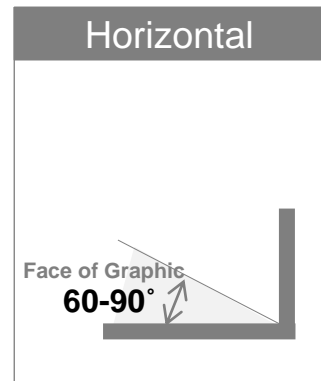
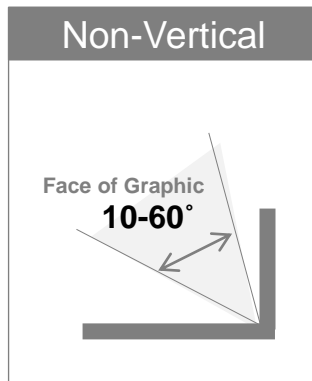
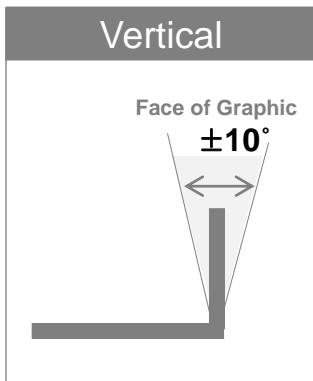
Not Applicable.

Durability Guide



Durability Period & Exposure Conditions

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



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