

Features



160 micron Perforated film(40%)



Permanent & Clear adhesive



One-side PE Coated liner



Up to 1 year durability



Applications

- Outdoor Signage
- Indoor Signage
- Vehicle Wraps
- Vehicle slight curve
- Back-lit
- Window
- Smooth Wall
- Textured Wall
- LSE (PP, PE, ABS)
- Signboard (Lettering)



Printers

- Solvent Inkjet
- Latex Inkjet
- UV Inkjet
- Screen Printing
- Not Printable



Roll Sizes

- 98cm (39in)
- 106cm (41in)
- 110cm (43in)
- 127cm (50in)
- 137cm (54in)
- 152cm (60in)
- 155cm (61in)
- 160cm (63in)

Physical Properties

| Property | Specification | Test Method |
|--------------------------------|------------------------|---|
| Thickness (Including adhesive) | 190 μ m \pm 10% | Micrometer |
| Tensile strength | \geq 1.0kg/cm | ASTM 882 |
| Perforated / Hole Size | 40% / 1.6mm | |
| Elongation | \geq 50% | ASTM 882 |
| Peel adhesion(24hrs) | \geq 500g/in | 180 peeling PSTC-1 |
| Application temp. | \geq 10 $^{\circ}$ C | 18 to 25 $^{\circ}$ C optimum, on clean substrate |
| Gloss : LM54000 | 20 \downarrow | @60, in Machine Direction |
| Dimensional Stability | Max 1.5mm | Adhered to Aluminum Plate, Length Direction (100 $^{\circ}$ C Oven, 2hr , Average) |
| Release liner | 160g/m 2 \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

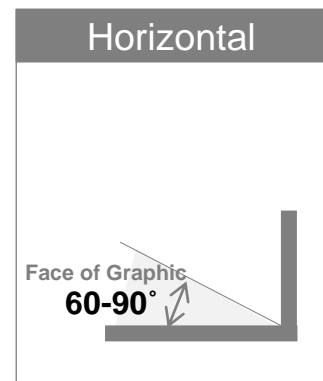
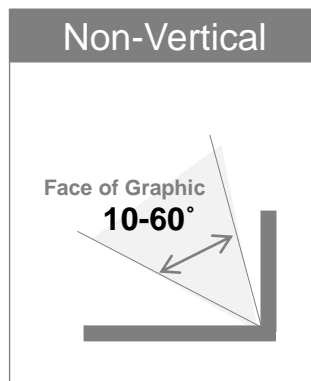
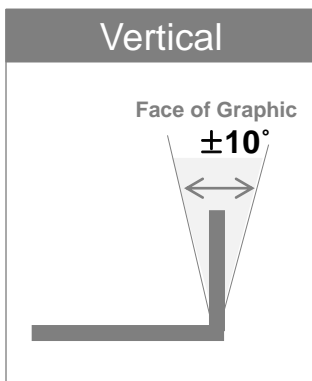
LM54 Series are recommended to use with LP1712 (LG Lamination Film)

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% = 8 months |
| Horizontal | 30% | 15% | 1 year × 30% = 4 months |



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

www.lghausys.com