

Features



75 micron Opaque Colored PVC film



Permanent & Clear adhesive



Double-side PE Coated Liner ¹⁾



Up to 1 years durability



Applications

- | | |
|--|---|
| <input type="checkbox"/> Outdoor Signage | <input type="checkbox"/> Window |
| <input checked="" 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 checked="" type="checkbox"/> Signboard (Lettering) |



Fire Certification

Class B. BS EN 13501-1:2007



Printers

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



Roll Sizes

- 100cm (39in)
- 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)	100 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	20 \downarrow	@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	0.14mm \pm 10%	Micrometer

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¹⁾LC2199 (White PVC) is applied with black-color liner. Others applied white-color liner.

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)



Converting Method

Cutting

- Electro cut/Hand cut/Kiss cut/Die cut
⇒ These factors can affect cutting and weeding quality
- Weight on the knife: Slightly notch the liner.
- Sharpness of the knife blade: Dull knives creates a serrated look to cut edge of the film
⇒ LG recommends vinyl weeding takes place soon after cutting (Within 1 Hour).

If weeding is delayed too long and if the temperature is too high, the adhesive layer could “reseat” itself and could hinder the ease of weeding.



Compatible Products

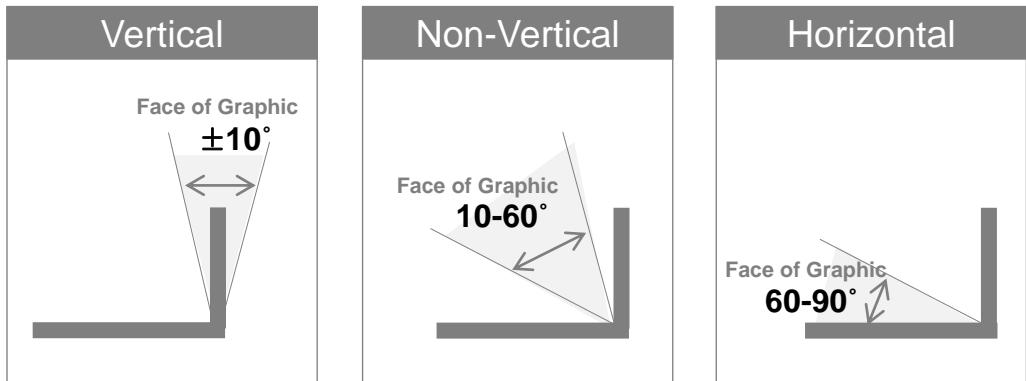
- LG Hausys' Flexible sign faces (Flex)
- LG Hausys' Application Tape (LC2000)

Durability Guide



Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (5 years product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	5 years × 100% = 5 years
Non-Vertical	60%	30%	5 years × 60% = 3 years
Horizontal	30%	15%	5 years × 30% = 1.5 years



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

www.lghausys.com