LC2000 Series

LG Hausys

Features

75 micron Opaque Colored PVC film

Permanent & Clear adhesive

Double-side PE Coated Liner [1)]

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

- ☐ 91.4cm (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㎛ ± 10%	Micrometer
Tensile strength	≥ 1.8kg/cm	ASTM 882
Elongation	≥ 100%	ASTM 882
Peel adhesion(24hrs)	≥ 1,200g/in	180 peeling PSTC-1
Application temp.	≥ 10℃	18 to 25℃ optimum, on clean substrate
Gloss	20 ↓	@60, in Machine Direction (ASTM D 2457)
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (100℃ Oven, 2hr , Average)
Release liner thickness	0.14mm ± 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℃ 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 knifes 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 “reseal” itself and could hinder the ease of weeding.

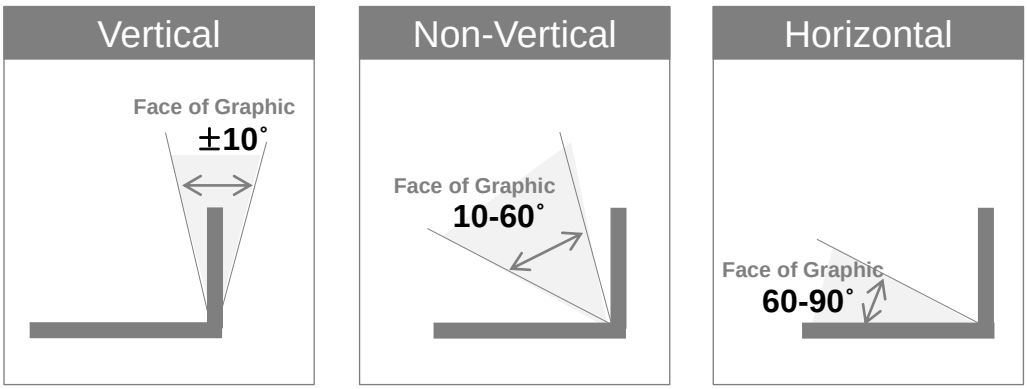
Compatible Products

- 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%	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)

www.lghausys.com