LC6700 Easy Cut Film

LG Hausys

Features

65 micron Opaque Glossy Colored PVC film

Permanent & Clear adhesive

Non-PE(Clay Coated Kraft) Liner

Up to 6 years durability
(Black & White 7 years, Metallic 5 years)

Applications

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

Compatible Products

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

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)	90㎛ ± 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	60 ↑	@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

The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall LG Hausys Ltd be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet. All LG Hausys vinyl sold subject to our conditions of sale. LG Hausys also retains the right to change sizes and specifications of products without prior notice.

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

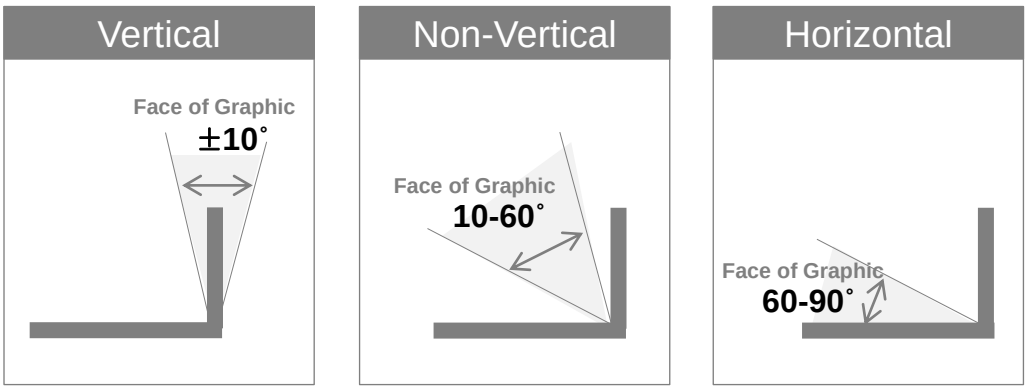
Cutting
- Electro cut/Hand cut/Kiss cut/Die cut
⇒ These factors can affect cutting and weeding quality
- Weight on the knife: Slightly notch the liner.
- Sharpness of the knife blade: Dull knifes creates a serrated look to cut edge of the film
⇒ LG recommends vinyl weeding takes place soon after cutting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

Durability Guide

Durability Period & Exposure Conditions

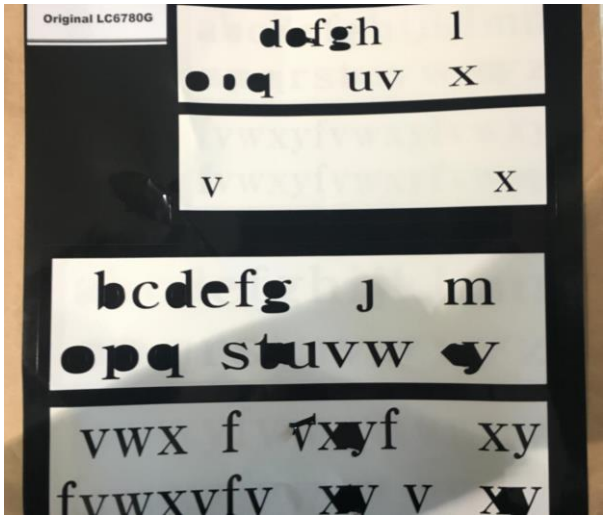
Exposure to	Durability period		Examples (6 years product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	6 years × 100% = 6 years
Non-Vertical	60%	30%	6 years × 60% = 4 years
Horizontal	30%	15%	6 years × 30% = 2 years



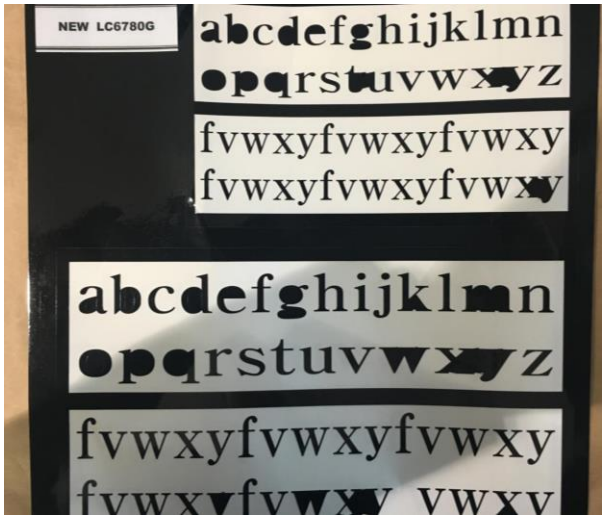
Please refer to LG Hausys durability guide of zone 1,2 and 3. (Zone system chart)

Easy Cut & Weeding Performance

Original

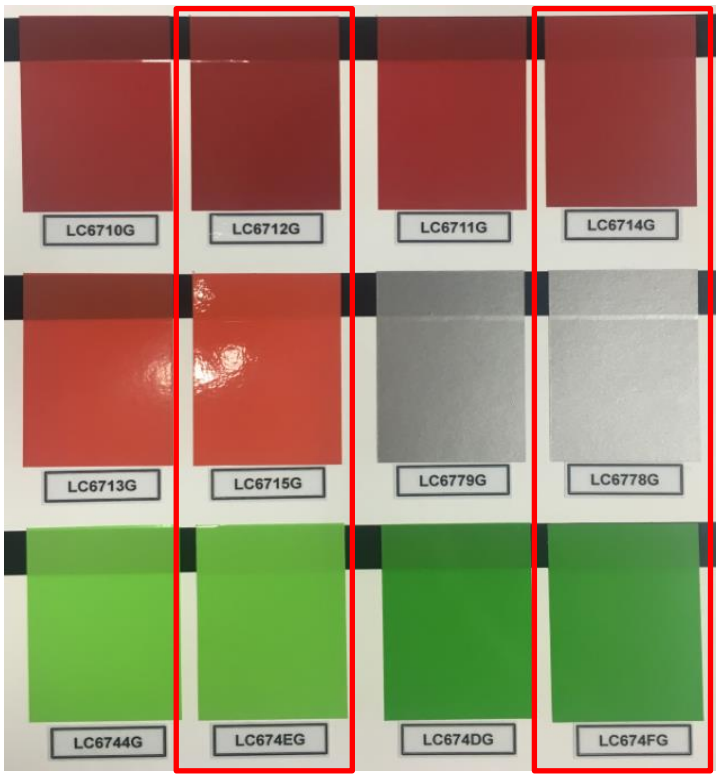


New Product



High Opacity

We improved opacity property which have low opacity. (for 7colors)



color	Transmittance	
	Regular	New
Drak Red	6.5	3.3
Red	5.6	3.1
Tomato Red	8.1	2.5
Yellow Green	14.8	7.4
Apple Green	18.5	9.5
Silver	17.9	9.1
Gold	20	10