LT4000 Series

LG Hausys

Features

90 micron Translucent Colored PVC film

Permanent & Clear adhesive

Double-side PE Coated Liner

Up to 6 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

- □ 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)	115㎛ ± 10%	Micrometer
Tensile strength	≥ 1.8kg/cm	ASTM 882
Elongation	≥ 100%	ASTM 882
Peel adhesion(24hrs)	≥ 1,400g/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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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.

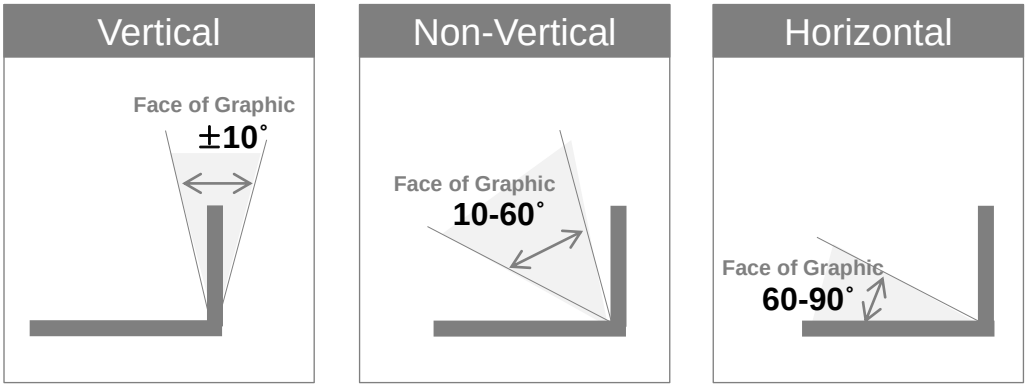
Compatible Products

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

Durability Guide

Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (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)

www.lghausys.com