LD921T Graphic Film

LG Hausys

Features

50 micron CAST White PVC film

Permanent & Grey adhesive

Double-side PE Coated Air Free Liner

Up to 7 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)	80㎛ ± 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 : LD921TG	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	0.18mm ± 10%	Micrometer

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)

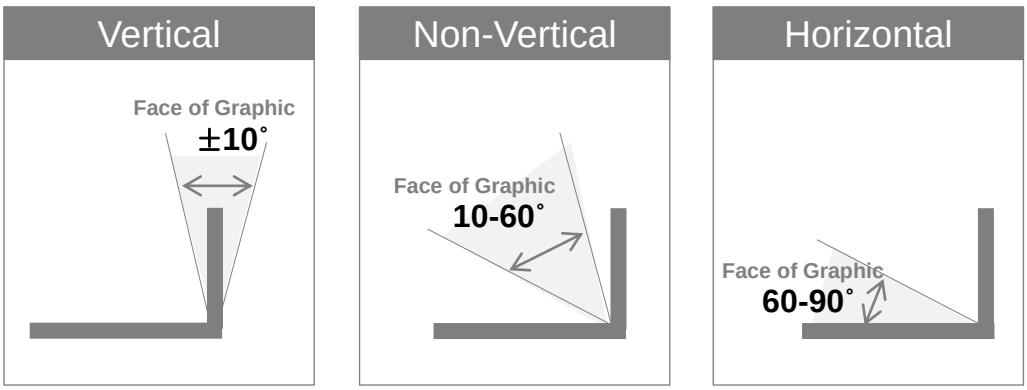
Lamination Film

Cast DPM Series are recommended to use with LG Cast lamination film
- LP80990, LP90990 : 58㎛ Cast
- LP809904, LP909904 : 40㎛ Cast
- LFC80990 : 58㎛ Cast with PVDF(Top Layer)

Durability Guide

Durability Period & Exposure Conditions

Exposure to	Durability period		Examples (7 years product, Zone 1&2)
	Zone 1 & 2	Zone 3	
Vertical	100%	50%	7 years × 100% = 7 years
Non-Vertical	60%	30%	7 years × 60% = 4 years
Horizontal	30%	15%	7 years × 30% = 2 years



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

www.lghausys.com