LD3921 Graphic Film

LG Hausys

Features

80 micron Polymeric White PVC film

Permanent & Clear adhesive

Double-side PE Coated Liner

Up to 5 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)
- ■ 127cm (50in)
- ■ 137cm (54in)
- ■ 152cm (60in)
- ■ 155cm (61in)
- □ 160cm (63in)

Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	105㎛ ± 10%	Micrometer
Tensile strength	≥ 1.8kg/cm	ASTM 882
Elongation	≥ 100%	ASTM 882
Peel adhesion(24hrs)	≥ 1,500g/in	180 peeling PSTC-1
Application temp.	≥ 10℃	18 to 25℃ optimum, on clean substrate
Gloss : LD3921G	60 ↑	@60, in Machine Direction
LD3921M	20 ↓	(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)

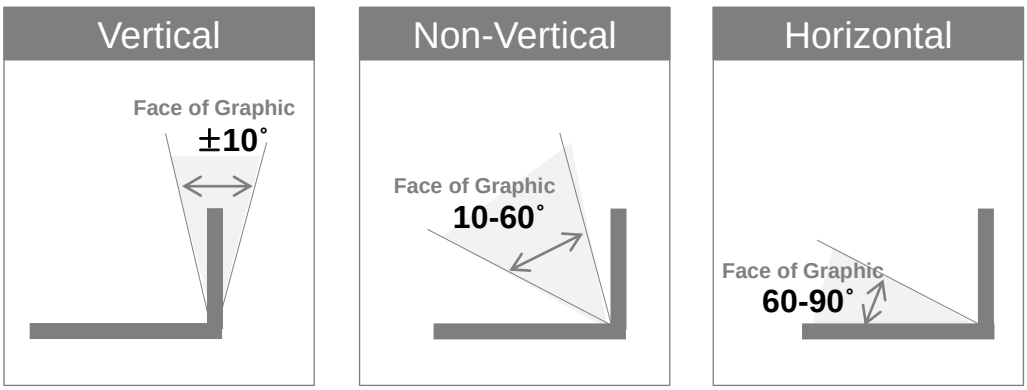
Lamination Film

LD39 Series are recommended to use with LP3912.

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