

## Descriptions

Windeco film is a PVC-based graphic film characterized by its pearl finishes and embossed patterns reflecting the company's outstanding technology. It also allows users to customize the designs by adding patterns through digital printing. Add a new decorative dimension to your spaces using LG Hausys's Windeco film.

## Features



**90** micron PVC Film



**Permanent** adhesive



**Double-side PE Coated** Liner



**Up to 5** years durability



### Applications

- |                                               |                                            |
|-----------------------------------------------|--------------------------------------------|
| <input type="checkbox"/> Outdoor Signage      | <input checked="" type="checkbox"/> Window |
| <input type="checkbox"/> Indoor Signage       | <input type="checkbox"/> Smooth Wall       |
| <input type="checkbox"/> Vehicle Wraps        | <input type="checkbox"/> Textured Wall     |
| <input type="checkbox"/> Vehicle slight curve | <input type="checkbox"/> LSE (PP, PE, ABS) |
| <input type="checkbox"/> Back-lit             |                                            |



### Fire Certification

Class B. BS EN 13501-1:2007

## Printers



- Solvent Inkjet
- Latex Inkjet
- UV Inkjet
- Screen Printing
- Not Printable

## Roll Sizes



- 105cm (42in)
- 122cm (50in)
- 137cm (54in)
- 152cm (60in)
- 155cm (62in)
- 160cm (64in)

## Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	115 $\mu$ m $\pm$ 10%	Micrometer
Tensile strength	$\geq$ 1.8kg/cm	ASTM 882
Elongation	$\geq$ 100%	ASTM 882
Peel adhesion(24hrs)	$\geq$ 1,000g/in	180 peeling PSTC-1
Application temp.	$\geq$ 10 $^{\circ}$ C	18 to 25 $^{\circ}$ C optimum, on clean substrate
Gloss	20 $\downarrow$	@60, in Machine Direction (ASTM D 2457)
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (100 $^{\circ}$ C Oven, 2hr , Average)
Release liner thickness	0.14mm $\pm$ 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 °C x 50% R.H)



### Durability

Durability is based on unprinted film vertical exposure  
Please see Durability guide of LG Hausys ([www.lghausys.com](http://www.lghausys.com))



### Lamination Film

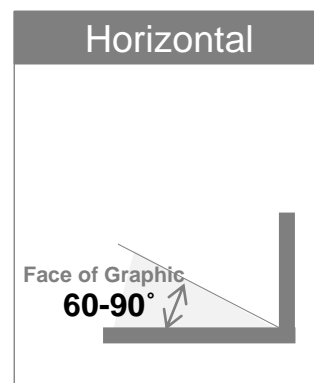
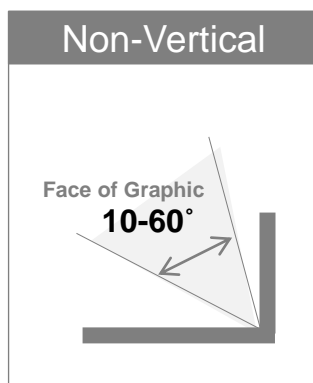
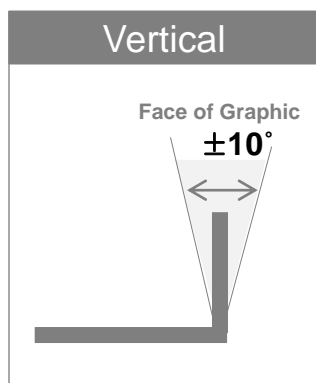
Not Applicable.

## 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](http://www.lghausys.com)