# LP3912 Overlaminates



### Features

<b>*</b>	90 micron Polyme		Printers	
<b>*</b>	Permanent & C		Solvent Inkjet Latex Inkjet UV Inkjet	
<b>~</b>	Double-side PE		<ul><li>Screen Printing</li><li>Not Printable</li></ul>	
<b>(</b>	Up to 5 years durability			Roll Sizes
	Applications			105cm (41in) 110cm (43in) 127cm (50in)
	<ul><li>Outdoor Signage</li><li>Indoor Signage</li><li>Vehicle Wraps</li><li>Vehicle slight curve</li><li>Back-lit</li></ul>	<ul> <li>Window</li> <li>Smooth Wall</li> <li>Textured Wall</li> <li>LSE (PP, PE, ABS)</li> <li>Signboard (Lettering)</li> <li>Overlaminates</li> </ul>		137cm (54in) 152cm (60in) 155cm (61in) 160cm (63in)

# ■ Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	115 µm ± 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 $^{\circ}\!$
Gloss : LP3912G	60 ↑	@60, in Machine Direction
LP3912M	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**

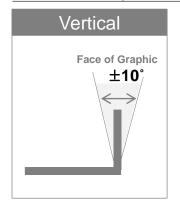
Not Applicable.

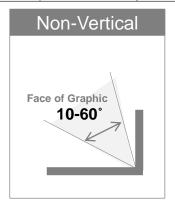
## Durability Guide

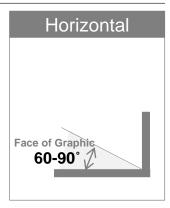


## **Durability Period & Exposure Conditions**

Evenoure to	Durability period		Examples	
Exposure to	Zone 1 & 2	Zone 3	(5 years product, Zone 1&2)	
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)

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