

Solvent Inkjet Film LD3900

(White, Premium grade)

Description

LD3900 is a white opaque glossy pvc film for solvent inkjet printing. This is designed to meet high resolution printing with excellent color.

Advantage

- 5years durable calendered film(polymeric grade)
- Excellent printing performance
- Dimensional stability and performance under a wide range of physical and climatic conditions
- Excellent weather resistance : Solvent based acrylic adhesive (Permanent Type)
- Liner : Super flat, double side olefin coated paper(130g/sqm)

Areas of use

- Solvent inkjet printing: Vutek, Arizona, Mimaki, Mutoh, Roland, DGI etc
- Outdoor display, sign, exhibition stand, automotive advertising
- ▶ The films conform well to flat and seamed surfaces, when processed and applied according to LG recommendations

Characteristics

Item	Description
Film	3.2mil, Opaque Film with gloss finish
Thickness	4.4 mil with adhesive(± 10 %)
Adhesive	Acrylic based pressure sensitive(Solvent based)
Adhesive color	Grey
Liner	Double side olefin coated Paper
Application Surfaces	Flat, Slightly curved surfaces
Application Temp	>=10□(18 to 25□ optimum)

Durability

Durability is based on field experience and exposure tests in south korea
 Outdoor durability is 5 years,when properly processed and applied(unprinted film vertical exposure)

Accelerated : 2000hr minimum

As determined in an Atlas Weather-o-meter conforming to ASTM G-26-77,section4, using the standard dual cycle of 102minutes of light at 145□(63□) and 18minutes of water spray at 145□(63□)

Accelerated : 1000hr minimum

As determined in a QUV weathering tester using UV light(UVB 313 bulbs) at 145□(63□)

Shelf Life

- Shelf life is 1 year from factory shipment
- Storage condition : Free from excessive moisture,temperature,direct sunlight
 (20□ x 50% R.H)

Physical Properties

Property	Metric units	Test Method
Thickness(Including adhesive)	110 □ ±10	Micrometer
Tensile strength	>=1.8kg/cm ²	ASTM 882
Elongation	>=100%	ASTM 882
Peel Adhesion(24hrs)	1600g/in	180 peeling PSTC-1
Service Temp.range	-45 □ ~ 82 □	Film applied Al panels 24hrs prior test
Opacity	Tt<10	Haze Meter(Tt:Transmission)
Gloss	60 ↑	@60,in Machine Direction
Release Liner Thickness/weight	0.14mm/130g/sqm	

Fabrication

Printing

The film can be printed with solvent based ink. For the outdoor durability, it must be printed with a pigmented ink in accordance with the supplier recommendations.

Warranty

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