

LD2810G

Solvent Inkjet Film

Description

LD2810G is a calendered PVC film supplied with permanent pressure sensitive adhesive. It's designed for solvent-based inkjet printing and guarantees up to 2-years outdoor durability. The product is designed to meet high resolution printing with excellent color.

Features

- 2years durable calendered film
- 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

Application

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

Characteristics

Item	Description
Film	3.9 mils(100 microns) opaque film with gloss finish
Thickness	4.8 mils(123 microns) 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 °C (18 to 25 °C optimum)

Durability

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 2 years when

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properly processed and applied (unprinted film vertical exposure).

Shelf Life

Shelf life is 1 year from factory shipment.

Storage condition: Free from excessive moisture, temperature, direct sunlight (20 °C x 50% R.H)

Physical Properties

Property	Specification	Test Method
Thickness (Including adhesive)	123 μ 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
Service temp. range	-25 °C ~ 82 °C	Film applied Al panels 24hrs prior test
Application temp.	\geq 10 °C	18 to 25 °C optimum, on clean substrate
Opacity	Tt \leq 10	Haze Meter (Tt: Transmission)
Gloss	60 \uparrow	@60, in Machine Direction
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (80 °C Oven, 24hr , Average)
Release liner thickness	0.15mm \pm 10%	Micrometer

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