



**LG Pressure Sensitive Graphic Film**

**Digital Solvent Inkjet Film  
VIZUON Print LD3880G (Ultra high tack sheet)**

Dated: 04/01/09

**Description:**

LD3880 is a 3.2 mil calendered print vinyl supplied with ultra high tack pressure sensitive adhesive. It's designed for solvent-based inkjet printing and guarantees up to 1-years of outdoor durability. This is designed to meet application of rough surface like concrete, marble etc..

**Advantage:**

- 1 years durable calendered film
- Good compatibility : screen print, electro static etc
- Variable Width: 54"
- Good Dimensional stability
- Using rough surfaces like a concrete, block, marble etc.
- Liner : Super flat, double side PE coated paper(90g)

**Areas of use:**

- Digital inkjet printing
  - Rough surfaces like a concrete, marble etc..
- ⇒ The films conform well to rough surfaces, when processed and applied according to LG recommendations.

**Characteristics:**

Item	Description
Film	3.2mils(80 $\mu$ m)opaque film with gloss finish
Thickness	5.1 mils(130 $\mu$ m) with adhesive( $\pm$ 10 %)
Adhesive	Acrylic based pressure sensitive(Solvent based, low tack)
Adhesive color	Clear
Liner	Double side PE coated paper
Application surfaces	Rough surfaces like a concrete, block
Application temp.	$\geq$ 50°F (64°F to 77°F optimum)

**Durability:**

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 1 year when properly processed and applied (unprinted film vertical exposure).

**Shelf Life:**

Shelf life is 6 months from factory shipment.

Storage condition: Free from excessive moisture, temperature, direct sunlight (68°F x 50% R.H)

**Physical Properties:**

Property	Metric Units	Test Method
Thickness (Including adhesive)	5.1 mil(130 $\mu$ m) $\pm$ 10	Micrometer
Tensile strength	$\geq$ 1.8kg/cm <sup>2</sup>	ASTM 882
Elongation	$\geq$ 100%	ASTM 882
Peel adhesion(24hrs)	A type $\geq$ 3000g/in B Type $\geq$ 2000g/in	180 peeling PSTC-1
Service temp. range	-49°F ~ 180°F	Film applied Al panels 24hrs prior test
Application temp	$\geq$ 50°F	64 to 77°F optimum, on clean substrate
Opacity	Tt<10	Haze Meter (Tt: Transmission)
Gloss	$\geq$ 60	@60, in Machine Direction



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Release liner thickness	0.16mm	
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**Fabrication:**

**Printing**

The film can be printed with solvent based ink. For the outdoor durability

**Processing**

Processing is the same as with any conventional vinyl film. The printed or unprinted films may be die cut by conventional thermal and steel rule method.

Drying methods can vary, but solvent retention must be eliminated as soon as practical. Failure to do so may affect vinyl and adhesive properties.

**Warranty:**

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