

## Opaque PVC Film for Solvent Inkjet Printing VIZUONPRINT LD3810 (Monomeric Calendered Film)

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**Description:**

VIZUONPRINT LD3810 is a white, opaque PVC film for solvent inkjet printing. This product is designed to meet high-resolution printing needs with excellent color.

**Advantages:**

- Excellent printing performance
- Available in gloss or matte
- Dimensional stability and performance under a wide range of physical and climatic conditions
- Excellent weather resistance.

**Applications:**

- Solvent inkjet printing: Vutek, Arizona, Mimaki, Mutoh, Roland, DGI, etc.
- Outdoor displays, signs, exhibition stands, automotive advertising

**Characteristics:**

Item	Description
Film	4.0 mil opaque film with gloss finish
Thickness	5.1 mil with adhesive ( $\pm 10\%$ )
Adhesive	Acrylic, pressure-sensitive (Solvent-based)
Adhesive color	Grey
Liner	Double-side PE coated paper
Application surfaces	Flat, slightly curved surfaces
Application temp.	$\geq 50^{\circ}\text{F}$ ( $65^{\circ}\text{F}$ to $77^{\circ}\text{F}$ optimum)

**Durability:**

Durability for up to 3 years when properly processed and applied (unprinted film, vertical exposure). Durability is based upon field experience and exposure tests believed to be accurate.

**Shelf Life:**

Shelf life is 1 year from factory shipment.

Storage condition: Free from excessive moisture, temperature, & direct sunlight ( $68^{\circ}\text{F}$  x 50% R.H)

**Physical Properties:**

Property	Metric Units	Test Method
Thickness (Including adhesive)	5.1 mil ( $\pm 10\%$ )	Micrometer
Tensile strength	$\geq 25.6$ lbs/in <sup>2</sup>	ASTM 882
Elongation	$\geq 100\%$	ASTM 882
Peel adhesion(24hrs)	3.5 lbs/in	180 peeling PSTC-1
Service temp. range	$-13^{\circ}\text{F}$ ~ $179^{\circ}\text{F}$	Film applied Al panels 24hrs prior test
Application temp.	$\geq 50^{\circ}\text{F}$	$65^{\circ}\text{F}$ to $77^{\circ}\text{F}$ optimum, on clean substrate
Opacity	$Tt \leq 10$	Haze Meter (Tt: Transmission)
Gloss	60 $\uparrow$	@60, in Machine Direction

**ICC Profiles:**

ICC Profiles for LD3810 and other VIZUON products are available for download at [www.LGVIZUON.com](http://www.LGVIZUON.com).

**Warranty:**

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