

## LS2710 Promotional Grade Screen & Digital printing Film

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VIZUON Print LS2710 is a white Gloss & Matte PVC film for screen & digital printing. This film is designed to meet high resolution screen & digital printing with excellent color.

### Advantages:

- 2 year durable calendered film
- Excellent printing performance
- Dimensional stability and performance under a wide range of physical and climatic conditions
- Excellent weather resistance: **Solvent based Grey acrylic adhesive ( Permanent Type)**
- Release liner: 90# Super flat, double side PE coated paper
- Variable Width : 30", 54", 60" x 50 Yard rolls ; also available in 100 & 250 Yard rolls.

### Areas of use:

- Screen printing & digital printing with Screen Solvent & Eco Solvent Inks
  - POP display, vending machine and automotive striping
  - Farm and construction equipment markings
- The films conform well to flat and seamed surfaces, when processed and applied according to LG recommendations.

### Characteristics:

Item	Description
Film	3.2 mil opaque film with gloss & matte finish
Thickness	4.2 mil with adhesive ( $\pm 10\%$ )
Adhesive	Acrylic based pressure sensitive (Solvent based)
Adhesive color	Grey
Liner	Double side PE coated paper
Application surfaces	Flat, & slightly rounded surfaces etc.
Application temp.	$\geq 10^{\circ}\text{C}$ (18 to $25^{\circ}\text{C}$ optimum)

### Durability:

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 2 years when 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 ( $20^{\circ}\text{C}$  x 50% R.H)

### Physical Properties:

Property	Metric Units	Test Method
Thickness (Including adhesive)	4.2 mil $\pm 10\%$	Micrometer
Tensile strength	$\geq 1.8\text{kg/cm}^2$	ASTM 882
Elongation	$\geq 100\%$	ASTM 882
Peel adhesion(24hrs)	$\geq 1,000\text{g/in}$	180 peeling PSTC-1
Service temp. range	$-45^{\circ} \sim 82^{\circ}\text{F}$	Film applied Al panels 24hrs prior test
Application temp	$\geq 10^{\circ}\text{C}$	18 to $25^{\circ}\text{C}$ optimum, on clean substrate
Opacity	Tt <10	Haze Meter (Tt: Transmission)
Gloss	$\geq 60$	@60, in Machine Direction
Release liner thickness/weight	0.16mm/ 90#	

### Fabrication:

#### Printing

The film can be screen printed with Sericol / Meyercord ink and the equivalent.

**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.

**Warranty:**

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