

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

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	3.9 mil opaque film with gloss or matte finish
Thickness	5.1 mil with adhesive (± 10%)
Adhesive	Acrylic, pressure-sensitive (Solvent-based)
Adhesive color	Grey
Liner	Double-side PE coated paper
Application surfaces	Flat, slightly curved surfaces
Application temp.	≥ 50°F (65°F to 77°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°F x 50% R.H)

Physical Properties:

Property	Metric Units	Test Method
Thickness (Including adhesive)	5.1 mil (± 10%)	Micrometer
Tensile strength	≥ 25.6 lbs/in ²	ASTM 882
Elongation	≥ 100%	ASTM 882
Peel adhesion(24hrs)	3.5 lbs/in	180 peeling PSTC-1
Service temp. range	-13°F ~ 179°F	Film applied Al panels 24hrs prior test
Application temp.	≥ 50°F	65°F to 77°F optimum, on clean substrate
Opacity	Tt ≤ 10	Haze Meter (Tt: Transmission)
Gloss	60 ↑	@60, in Machine Direction

ICC Profiles:

ICC Profiles for LD3810 and other VIZUON products are available for download at www.LGVIZUON.com.

Warranty:

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