

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

Dated: 08/30/05

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 (± 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 up	@60, in Machine Direction

ICC Profiles:

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

Warranty:

The information provided on this sheet represents typical properties and does not constitute a specification. No liability will be accepted for errors and omissions and in no circumstances shall LG Chem Ltd be liable for any loss or injury arising directly or as a consequence of the publication of this data sheet. All LG Chem vinyl sold are subject to our conditions of sale. LG Chem also retains the right to change sizes and specifications of products without prior notice.