

**Opaque PVC Film for Solvent Inkjet Printing
VIZUONPRINT LD3910G (Polymeric Calendered Film)**

Dated: 08/30/05

Description:

VIZUONPRINT LD3910G 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
- 5-year durability
- 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 | 3.2 mil film with gloss finish |
| Thickness | 4.4 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. | > 50°F (65°F to 77°F optimum) |

Durability:

Durability for up to 5 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) | 4.4 mil ($\pm 10\%$) | 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 LD3910G and other VIZUON products are available for download at www.LGVIZUON.com.

Warranty:

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