

Economic LC 2000 Series

Description

LC2000 Series are opaque monomeric calendered vinyls. They have highly cohesive acrylic pressure sensitive adhesive, which is protected with a high quality siliconized liner. It has excellent cutting properties on wide range of computerised cutting plotter.

Advantage

- Opaque calendered film (matt finish)
- Interior sign and display applications (short term outdoor advertising)
- Variable color range
- Excellent lay flatness in humidity condition
- Excellent weather resistance : Solvent Based Acrylic Adhesive
- Select liner : Double side olefin coated Paper

Compatible Products

- LG Hi flex series :
- LG Application Tape (LC2000)
- Flat, rigid substrates such as acrylic, PETG sheet, glass

Characteristics

Item	Description
Film	3.0 mil, Opaque Film with matte finish
Thickness	4.0 mil with adhesive ($\pm 10\%$)
Adhesive	Acrylic based pressure sensitive (Solvent based)
Adhesive color	Clear
Liner	Double side olefin coated Paper
Application Surfaces	Flat, without rivets
Application Temp	$\geq 10^{\circ}\text{C}$ (18 to 25°C optimum)

Durability

Durability is based on field experience and exposure tests in south korea
 Outdoor durability is 1 years,when properly processed and applied(unprinted film vertical exposure)

Cutting

Use one of these cutting method
 - Electro cut/ Hand cut/ Kiss cut/ Die cut

These factors can affect cutting and weeding quality :

- Weight on the knife : Good cutting is slightly notch the liner.
- Sharpness of the knife blade : Dull knives create a serrated look to cut edge of the film

Shelf Life

Shelf life is 1 year from factory shipment

- Storage condition : Free from excessive moisture,temperature,direct sunlight
 (20°C x 50% R.H)

Physical Properties

Property	Metric units	Test Method
Thickness(Including adhesive)	100 μ m \pm 10	Micrometer
Tensile strength	\geq 1.8kg/cm ²	ASTM 882
Elongation	\geq 150%	ASTM 882
Peel Adhesion(24hrs)	1500g/in	180 peeling PSTC-1
Service Temp.range	-45°C ~ 82°C	Film applied Al panels 24hrs prior test
Application Temp	\geq 10°C	18 to 25°C optimum,on clean substrate

Warranty

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