

Cal 6800 Series

Translucent Calendered Vinyl

Description

Cal 6800 series is a translucent polymeric calendered film, which is designed for translucent sign graphics. Cal 6800 series present high dimensional stability, long-term durability at outdoor applications and features excellent cutting & weeding.

Features

- Exterior and Interior graphics especially on internally illuminated sign faces
- Point-of-purchase or trade show displays
- Surface Film: Opaque polymeric PVC film
- Adhesive: Solvent, clear permanent acrylic
- Release liner: Double side olefin coated Paper / kraft Paper
- Available width: 24" (610mm) & 48" (1,220mm)
- Available colors: 42 matt colors
- Outdoor durability
 - White & Black: 7 years
 - Colors: 6 years
- Standard roll length: 50 meters
- Shelf life: 1 year

Converting Methods

Cutting

Electro cut/Hand cut/Kiss cut/Die cut

⇒ These factors can affect cutting and weeding quality

Weight on the knife: Slightly notch the liner.

Sharpness of the knife blade: Dull knives creates a serrated look to cut edge of the film

⇒ LG recommends vinyl weeding takes place soon after cutting (Within 1 Hour).

If weeding is delayed too long and if the temperature is too high, the adhesive layer could "reseat" itself and could hinder the ease of weeding.

LG Hausys Sign & graphic materials

Compatible Products

- LG Hausys' flexible sign faces (Banner, Flex)
- LG Hausys' Application Tape (LC2000)

Physical Properties

Property	Result
Film thickness	90 μ m \pm 10
Tensile strength	Min 1.8kg/cm ²
Elongation at break	Min. 130%
Adhesion (24 hours)	Min. 1.800g/inch
Dimensional stability (DIN30646)	Max. 0.40mm
Gloss level (60° Gloss meter)	\leq 10
Temperature resistance	-45 $^{\circ}$ C \sim 82 $^{\circ}$ C
Minimum application temperature	\geq 10 $^{\circ}$ C

Shelf Life

Shelf life is 1 year from factory shipment.

Storage condition: Free from excessive moisture, temperature, direct sunlight (20 $^{\circ}$ C x 50% R.H)

Additional Tips & Recommendations

- LG Recommend to use only material with the same batch number for the same colour.
- Be sure to color change between daytime & nighttime.

Warranty:

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