

LW3850M

Wall Graphic Film

Description

LW3850M is a calendered PVC film supplied with removable pressure sensitive adhesive. It's designed for solvent-based inkjet printing and wall graphic application (painted wall, etc). The product is designed to meet high resolution printing with excellent color.

Features

- 2years durable calendered film
- Excellent printing performance
- Dimensional stability and performance under a wide range of physical and climatic conditions
- Easy Removability : Solvent based acrylic adhesive (Removable Type)
- Liner: Super flat, double side PE coated paper

Application

- Solvent inkjet printing: Vutek, Arizona, Mimaki, Mutoh, Roland, DGI etc.
 - Wall graphic application (painted wall, interior wall, etc)
- ⇒ The films conform well to flat and seamed surfaces, when processed and applied according to LG recommendations.

Characteristics

Item	Description
Film	5.9 mils(150 microns) opaque film with matt
Thickness	7.1 mils(180 microns) with adhesive (± 10%)
Adhesive	Acrylic based pressure sensitive(Solvent based)
Adhesive color	Grey
Liner	Double side PE coated paper
Application surfaces	Flat, slightly curved surfaces
Application temp.	≥10 °C (18 to 25 °C optimum)

Durability

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 2 years when

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properly processed and applied (unprinted film vertical exposure).

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	Specification	Test Method
Thickness (Including adhesive)	180µm ± 10%	Micrometer
Tensile strength	≥ 1.8kg/cm	ASTM 882
Elongation	≥ 100%	ASTM 882
Peel adhesion(24hrs)	≤ 1,000g/in	180 peeling PSTC-1
Service temp. range	-25 °C ~ 82 °C	Film applied Al panels 24hrs prior test
Application temp.	≥ 10 °C	18 to 25 °C optimum, on clean substrate
Opacity	Tt ≤ 10	Haze Meter (Tt: Transmission)
Dimensional Stability	Max 0.5mm	Adhered to Aluminum Plate, Length Direction (80 °C Oven, 24hr , Average)
Gloss	≤ 10	@60, in Machine Direction
Release liner thickness	0.15mm ± 10%	Micrometer

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