

Laminating Film for Protecting Digitally Printed Image LP2712 Gloss & Matte

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Description:

LP2712 G & M is a high gloss or matte calendered PVC lamination film for protecting digitally printed images. It provides protection from damaging from UV radiation, scratches and abrasion. Moreover, it offers enhanced colors and durability.

Advantage:

- Protecting from UV rays, scratches and abrasion (Clear, Transparent grade)
- 2 year durability
- Enhancing color of image
- Variable Widths : 54" & 60" x 50 yds

Areas of use:

- protection of digitally printed image the usage of LP2712 is for lamination only
- for use with LS2700 Series Print films

Characteristics:

Item	Description
Film	2.75 mil Transparent film with gloss & matte finish
Thickness	3.75 mil mil with adhesive ($\pm 10\%$)
Adhesive	Acrylic Solvent based pressure sensitive (color : Clear)
Liner	Glassine paper(65g/m²)
Application surfaces	Laminating of digital printing image

Durability:

Durability is based on field experience and exposure tests in South Korea. Outdoor durability is 2 years when properly processed and applied (In case of vertical exposure)

Shelf Life:

Shelf life is 1 year from factory shipment

Storage condition: Free from excessive moisture, temperature, direct sunlight (20 to 50% R.H)

Physical Properties:

Property	Metric units	Test Method
Thickness (Including adhesive)	95μm ± 10	Micrometer
Tensile strength	$\geq 1,800\text{g/cm}^2$	ASTM 882
Elongation	$\geq 100\%$	ASTM 882
Peel adhesion(24hrs)	1,200g/in	180 peeling PSTC-1
Service temp. range	-45 ~ 82°C	Film applied Al panels 24hrs prior test
Application temp	$\geq 10^\circ\text{C}$	18 to 25°C optimum, on clean substrate
Gloss	60 \uparrow (Gloss), ≤ 10 (Matte)	@60, in Machine Direction

Laminating:

No heat is required. It can be used by most pressure style roll laminators. Keep the film flat during lamination.

Warranty:

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LG Pressure Sensitive Graphic Film

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