

TECHNICAL DATA SHEET

LG LAMHEAL

1. Description

PET Lamination Film

Film : 150micron PET ;
 Adhesive : Clear adhesive
 liner : 25micron PET
 Width : 1.27m



2. Properties

Testing condition: Indoor temperature 23±2°C; Relative humidity 50±5%; Use aluminum, glass, steel plate as the base material for testing.

Item	Unit	Value	Tested Method
PVC film thickness	μm	150±10	GB/T6672-2001
Weight-Liner	g/m ²	25±10	GB4669-1995
Weight -finished product	g/m ²	250±20	GB4669-1995
Initial Adhesion	N/25mm	≥ 8	GB8807-88
24h, 180°peel	N/25mm	≥ 10	FTM 9
Dimensional stability MD	mm	≤0.5	FTM 1
Dimensional stability CD	mm	≤0.5	FTM 14
Tensile strength MD	N/25mm	≥50	FTM 14
Tensile strength CD	N/25mm	≥40	GB/T1040.1-2006
Construction Temperature	°C	20±10°C	GB/T1040.1-2006
Applicable Temperature	°C	-20 ~ +70	

3. End Uses

- Clear and flat, with excellent crystal texture.
- High temperature resistance, easy to clean, light, long service life.
- Extend the saturation time of the picture, easy to clean the picture.
- Anti-scratch coating treatment, minor scratches can be repaired.

4. Usage and Conversion

The product is mainly suitable for the lamination and protection of wedding art photography, photo paperhanging, arts and crafts.

5. Shelf Life and Storage

Activity	Recommendations
Storage conditions	All VAGUS products always need to be stored in the original packing and with the original protection materials, preferably stored hermetically, no more than 6 layers if stored horizontally. Do not expose in direct sunlight or heat sources. Shelf life will be one year with temperature of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and relative humidity of $50 \pm 15\%$.
Production and Application Environment:	- Production environment: temperature of $25 \pm 5^{\circ}\text{C}$, relative humidity of $50 \pm 10\%$, clean dust-free environment without suspended matter; Please move the materials to the printing environment 24 hours before printing. Test prior to use and remain enough edge margins when printing. - Application environment: temperature of $20 \pm 10^{\circ}\text{C}$, relative humidity of $50 \pm 10\%$; Pasting on flat, smooth and clean surface without floating dust and shedding; It is necessary to take more than 2 hours for maintenance before laminating.

6. Warranty Condition

- One year shelf life: stored in suitable conditions, preferably use within six months. Quality range is only for ink adsorption, other physical parameter is only for reference.
- One year prosecution period: from the product manufacture date, no-acceptance for overdue product.

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7. Product Application

