

TECHNICAL DATA SHEET

VG LUCENT

1. Description

Backlit Self Adhesive Vinyl

Film : 100 micron; glossy PVC film

Adhesive : Clear Adhesive

liner : 140gsm one side PEK liner

Width : 1.27/1.37/1.52m



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	100±10	GB/T6672-2001
Weight-Liner	g/m ²	140±10	GB4669-1995
Weight -finished product	g/m ²	300±20	GB4669-1995
Gloss Rate 60°	%	≥ 60	GB8807-88
Initial Adhesion	N/25mm	≥ 8	FTM 9
24h, 180°peel	N/25mm	≥ 10	FTM 1
Dimensional stability MD	mm	≤1.2	FTM 14
Dimensional stability CD	mm	≤1.0	FTM 14
Tensile strength MD	N/25mm	≥40	GB/T1040.1-2006
Tensile strength CD	N/25mm	≥35	GB/T1040.1-2006
Construction Temperature	°C	20±10°C	
Applicable Temperature	°C	-20 ~ +70	

3. End Uses

- High performance film, stable ink absorption, bright colors, vivid images.
- It can be applied on the light box
- Stable glue performance, easy application to a wide variety of substrates.



4. Usage and Conversion

1. Applicable to light box
2. Media is suitable for Inkjet Printing (UV, Latex, Eco-Solvent and Solvent)

5. Shelf Life and Storage

Activity	Recommendations
Storage conditions	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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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