

TECHNICAL DATA SHEET

VG ULTRA CLEAR

1. Description

Ultra Transparent Film With Removable Adhesive

Film : 100micron including adhesive; optically clear glossy PVC film

Adhesive : Clear removable adhesive

liner : 50 micron matte PET 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	80±10	GB/T6672-2001
Weight-Liner	g/m ²	105±10	GB4669-1995
Weight -finished product	g/m ²	290±20	GB4669-1995
Gloss Rate 60°	%	≥ 80	GB8807-88
Initial Adhesion	N/25mm	≥ 5	FTM 9
24h, 180°peel	N/25mm	≥ 10	FTM 1
Dimensional stability MD	mm	≤1.5	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	≥30	GB/T1040.1-2006
Construction Temperature	°C	20±10°C	
Applicable Temperature	°C	-20 ~ +70	

3. End Uses

- The product is painted on one side, affixed to the glass and acrylic surface, with double-side visible effect.
- Excellent printability and handling; Good dimensional stability after application.
- Print antiskid PET as substrate.

Usage and Conversion



1. Applicable to Vehicle Wrapping Media, Billboards, indoor and outdoor advertising
2. Suitable for various solvent ink, Eco-solvent ink and UV ink

4. 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.

5. 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.

Declaration: Please choose VAGUS products suitably according to relative provisions or industrial standards. VAGUS bears the responsibility for the specified technical and performance data on this page only. VAGUS is not responsible for any other liability. (The technical data on this page is calculated on average, and $\pm 5\%$ tolerance is acceptable)

6. Product Application:

