

Introduction

UV&LATEX Printing One Way Vision

Advantages

- Specifically for UV&LATEX printing
- Stable size and high weather resistance
- Easy installation, easy remove
- Better resistance to heat

Applications

- Large format glass-wall advertising Graphics
- This product is suitable for solvent, Eco-solvent, UV, HP Latex ink printing

Characteristics

Characteristic	Description
Colors	White
Film	Premium calendered black & white PVC film
Thickness (Film)	160 um ± 10 um
Hole size(Diameter)	1.5 mm
Transmittance	30%
Adhesive	High grade removable clear acrylic pressure sensitive adhesive
Adhesive color	Clear
Coating weight(Dry)	25g ± 2 g
Liner	Refined semi-perforated composite double-sided PE coated wood pulp paper
Weight, liner	200 g ± 10 g
Application surfaces	Flat
Application substrates	Glass
width	1.07 / 1.37 / 1.52

To enhance color and protect images against UV radiation and abrasion, DPI OCD6200-UV is recommended to be over-laminated with Cold over-laminating Film or Clear Coat.

When to Use an Over laminate or Clear Coat?

Commercial vehicle and fleet graphics; such graphics are subjected to abrasion such as road debris and automatic/power washing.

Any graphic exposed to abrasive washing conditions, including automatic/power washing, harsh cleaners or chemicals.

Application

- Do not stretch the film during application. If you stretch the film it will tent or lift.
- Obtain pre-qualification from DPI Technical Service before applying to any un-qualified surface.
- When applying graphics to flat surfaces, the temperature range for both the air and substrate is 3°C to 38°C. The film sticks well at the lower end of this temperature range. However, keep the consideration in mind:
 - The film becomes less flexible the colder it is.
 - At temperatures lower than 3°C moisture may condense on the substrate, which prevents good adhesion.

Printing construction conditions:

1. Printing environment: DPI products are recommended to be used in the environment of 25±5°C temperature, relative humidity of 50±10%, clean and dust-free, no suspended matter; It is suggested that the product should be transferred from the storage environment to the printing environment 24h in advance; Ink due to different matching equipment, so please test before use; It is recommended to leave enough white margin space when printing.
2. Construction requirements: the best construction temperature is 20±10°C, relative humidity is 50±10%; Stick to the flat, smooth, clean, surface without dust, skin without falling off the surface of the object, the necessary maintenance time needs more than 2 hours.
- 3.

Shelf Life, Shipping, and Storage

- All DPI products should be stored in original packaging with original protective materials. It is recommended to keep them sealed and placed horizontally. Stacking height should not exceed 6 layers, avoiding direct sunlight and heat source After contact. Storage temperature $25 \pm 5^{\circ}\text{C}$, relative humidity $50 \pm 15\%$. In this case, the shelf life of the product is 12 months.
- Ship the finished graphic lying flat or in a roll. To roll the graphic, roll it film side out onto a core that is 3 inches or larger in diameter. These methods help prevent the film and application tape from wrinkling or popping off the liner.

Product Characteristics

Physical Properties

Features	Test Method	Results
Caliper, face film	GB/T6672-2001	160micron (μm)
liner	GB/T4669-1995	$200 \pm 10\text{g}/\text{m}^2$
Finished weight	GB/T4669-1995	$392 \pm 10\text{g}/\text{m}^2$
Dimensional stability	FINAT-4	Max. 0.5 mm
Adhesion, initial(175*25mm)	FINAT FTM-1,Glass	$\geq 5\text{N}$
Adhesion, Ultimate(175*25mm)	FINAT FTM-1, Glass	$\geq 6\text{N}$
Release	FINAT-4	15g/inch
Shelf life	Stored at $24^{\circ}\text{C}/50\text{-}60\% \text{RH}$	12Months
Durability	Vertical exposure	12Months

*The above data parameters are subject to change without notice

Thermal

Construction temperature:

$20^{\circ} \pm 10^{\circ}\text{C}$

Temperature range:

$-20^{\circ} \sim 60^{\circ}\text{C}$

Chemical

Resistant to most petroleum based oils, greases and aliphatic solvents

Resistant to most mild acids, alkalies, and salts

Warranty

The materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorized to give guarantee, warranty, or make any representation contrary to the foregoing.

Important Remarks:

All DPI material instructions, technical information and application recommendations are based on what we consider to be reliable typicality test results, for special countries environment or special application, you can contact with our technical department to develop corresponding products to meet customer needs.