

Introduction

Polymeric Clear Adhesive Vinyl – DPI08140G-DP

Advantages

- ☐ Stable size and high weather resistance
- ☐ Long durability for both indoor and outdoor use
- ☐ Good extension performance
- ☐ Suitable for a variety of super wide format inkjet printers using solvent ink, Eco-solvent ink, UV ink and Latex ink

Applications

- ☐ Long-term flat and large arc surface advertising
- ☐ Window application, painted wall application and rigid board application

Characteristics

Characteristic	Description
Colors	White
Film	Polymeric PVC film
Gloss	Gloss
Thickness (Film)	80 μm $\pm$ 10 μm
Adhesive	Solvent acrylic pressure sensitive adhesive
Adhesive color	Clear
Coating weight(Dry)	27g $\pm$ 2 g
Liner	Double side PE-coated white wood-pulp paper
Weight, liner	140g $\pm$ 5 g
Application surfaces	Flat and large arc surface
width	1.07/1.27/1.37/1.52

To enhance colour and protect images against UV radiation and abrasion, DPI 08140G-DP 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.

Printing construction conditions:

1. Printing environment: DPI products are recommended to be used in the environment of 25 $\pm$ 5°C temperature, relative humidity of 50 $\pm$ 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. Application requirements: the best application temperature is >10°C, relative humidity is 50 $\pm$ 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.

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°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	80micron (μm)
liner	GB4669-1995	140g/sqm
Dimensional stability	FINAT-14	Max. 0.5mm
Elongation		≥150%
Gloss	GB8807, 60°	≥70°
Adhesion, initial(175*25mm)	FINAT FTM-1, stainless steel	≥9N
Adhesion, Ultimate(175*25mm)	FINAT FTM-1, stainless steel	≥10N
Release	FINAT-4	5-25g/inch
Shelf life	Stored at 24° C/50-60 % RH	12Months
Durability(unprinted)	Vertical exposure	36Months

*The above data parameters are laboratory tests in China's East China region. If there are any changes, no further notice will be given.

Thermal

Application temperature :

>10°C

Temperature range :

-20°+60° 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.