

# DPI GRAFIX V8312(G)-BF POLYMERIC FILM

## Technical Data Sheet



### Introduction

**DPI GRAFIX V8312(G)-BF** Self Adhesive Vinyl is a bubble free polymeric grey adhesive digital printable film designed to meet a variety of bus body advertising graphic / corrugated surface car / vehicle wrap and subway body advertising needs.

### Features

- Special bubble free technology makes film easier for installation, dry application recommended
- Easy air release and reposition the films
- Grey adhesive surface with high cover rate
- Suitable for 2D curve and minor 3D surface, pre and post heat required
- Best for high surface energy substrate: glass, steel, aluminum, PVC etc



Characteristic	Value
Film	Polymeric PVC film
Surface	Ceramic white, Gloss
Thickness (Film)	70um±10um
Adhesive	Grey, bubble free semi-removable pressure sensitive adhesive
Adhesive Weight (gsm)	35±5
Liner	Single side polycoated kraft embossed paper
Weight, liner	120g±10g
Opacity	>95%
Application temperature range	15 ~ 90°C
Release Force	0.05~0.2N/25mm
Shrinkage	≤0.6%
Surface Tension	≥30dn/cm
180 Degree Peeling Force	≥10N/25mm (FTM1)
Initial Adhesion-Ball Tack	≥7N/25MM*25mm (FTM9)
Holding Power	≥2000min (FTM8 Standard)
Durability (unprint, vertical)	36 months
Removability	9 ~ 12 months
Ink compatibility	Latex / UV / EcoSolvent
Size available	1.37m / 1.52m (x50m)

### Printing

*Do not exceed 250% total ink coverage. Too high a total physical ink amount on the film results in media characteristic changes, inadequate drying, over laminate lifting, and/or poor graphic performance.*

*Latex Ink: Best suit for applications that required minor stretching.*

*UV Ink: Recommended to use soft UV ink. Using of hard or mid-hard UV ink may cause the polymeric film degrade and causing brittle fracture on the polymer.*

*EcoSolvent Ink: Recommended for outgassing for more than 24 hours before application take place.*

*Lamination: Optional for lamination to enhance color and protect images against UV radiation and abrasion*

### Shelf Life and Effective Performance

*For unprocessed film, shelf life is 12 months. Store the film in a dry area, in the original container, out of direct sunlight and at less than 24°C.*

*The effective performance life is based on field experience and exposure tests conducted by lab. The actual performance depends on correct combination of film, ink, over laminate or clear coat; drying methods; selection and preparation of the substrate; application methods; orientation and exposure conditions and cleaning methods*

The information mentioned above always represents an average, a minimum or a maximum value. It is only give for your information, and does not give any guarantee. It is up to the end user to decide whether or not the product is suited for his particular application.