

DPI GRAFIX O6313(G) PERFORATED FILM

Technical Data Sheet



Introduction

DPI GRAFIX O6313(G) is white perforated (a.k.a. one way vision) monomeric self-adhesive digital printable film, create a single vision effects for windows or glass. Come with 30% perforated ratio and just fits for semi-privacy applications. High-temperature resistant PET liner, ideal for Latex and UV machines.

Features

- Excellent durability with high quality monomeric film
- Removable without residue
- Special designed liner to fit for UV printing, prevent UV ink from blocking the tiny hole of the film after it released from liner.



Characteristic	Value
Film	Monomeric soft PVC film
Thickness	160±10um
Color Code	Ceramic white with black back
Opacity	>99%
Adhesive	Clear solvent based removable pressure sensitive glue
Adhesive Weight(g/m2)	30±5
Liner	Additional Liner laminated paper
Shrinkage	≤0.6%
Surface Tension	≥30dn/cm
Holes No. & Diameter	Average 109/sqin; 1.5mmdiameter
Distance Between Holes	Left-Right 1.25mm; Up-Down 2.4mm
Hole Space	30%
180°Peeling Force	≥5N/25mm (FTM1)
Initial Tack-Loop tack	≥2N/25MM*25MM (FTM9)
Holding Power	≥1440min (FTM8)
Release Force	0.05~0.20N/25mm
Removable Durability	12 months cleanly removable
Durability (unprint, vertical)	24 months
Ink compatibility	Latex / UV / EcoSolvent
Size available	1.27m / 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: Flawless output

UV Ink: Flawless output, easy peel off without blocking by UV ink

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.