

DPI GRAFIX B230F / B231F BACKLIT FILM

Technical Data Sheet



Introduction

DPI GRAFIX B230F / B231F translucent polyester backlit film designed for excellent image quality graphic art applications. Applications: lightbox graphic, backlit trade show display, department store display, luminous advertising surface, bus shelter & metro illuminated signage.

Features

- **B230F Gloss:** Solvent coating, vivid colors with high gloss and outstanding image resolution with or without light
- **B231F Matt:** Latex-specialized coating, produces incredibly deep blacks and vibrant colors; ultra white finish with durable, rigid PET base
- Easy to install due to the rigid and flat substrate.
- Flame Class: VTM-2 (Polyester Film)



Characteristic	Value
Total Film Thickness	205 ± 10um
Surface	Gloss or Matt
Coating	Resin (Gloss) / Porous (Matt)
Base Material	PET
Durability (unprint, vertical)	12 months (Outdoor) 24months (Indoor)
Ink compatibility	Latex / UV / EcoSolvent (Gloss) Latex / UV (Matt)
Size available	50in / 60in (x30m)

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. It is necessary to dry up and not to overlap the printed material before drying up.

Latex Ink: Flawless output

UV Ink: Flawless output

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.