

DPI GRAFIX FS1810(S) BACKLIT FABRIC

Technical Data Sheet



Introduction

DPI GRAFIX FS1810(S) pearl backlit fabric 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

- 100% polyester woven fabric, with excellent resolution for Latex, UV, Eco-solvent, Solvent printing.
- With perfect crease-free feature, can recover quickly after folding.
- Extremely bright white color on light box, appearing nice pearl shining.
- Super lightweight, makes it easily for transporting and installing.



Characteristic	Value
Base Fabric	Polyester
Thickness (Film)	135gsm
Yarn Dtex	83x83 dtex
Weave Method	Woven
White Point (CIE/D65)	≥95.52 (CIE86/ASTME313-00 (D65/10, SCI))
Shrinkage	≤2%
Yellowing temperature	180°C (SUPRKC REX-C400)
Flame Resistant	NFPA 701, DIN 4102-1-B1
Durability (unprint, vertical)	24 months
Ink compatibility	Latex / UV / EcoSolvent
Size available	1.6m / 2.6m / 3.2m (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: Correct color profile is recommended.

UV Ink: Soft-UV ink recommended for easy stretch and elastic installation.

EcoSolvent Ink: Correct color profile is recommended.

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.