

DPI GRAFIX V8820(M)-HT / V8830(S)-HT

Technical Data Sheet



Introduction

DPI GRAFIX V8820(M)-HT / V8830(S)-HT is a white monomeric calendared self-adhesive digital printable film designed for rough or uneven wall surface or low energy surface substrate (subject to substrate type), thanks to the thicken solvent adhesive. Special application tools may be needed for uneven / bricks wall.

Features

- Super high tack for better adhesion
- Suitable for rough / uneven / sandy surface; bricks and cement wall and some of the low surface energy substrate
- High-opaque PVC film, fit for overlapping applications or dark background wall



Characteristic	Value
Film	Monomeric soft PVC film
PVC Thickness	100±10um
PVC Color Code	White Satin / White Matt
Adhesive Type	Clear solvent based permanent pressure sensitive glue
Adhesive Weight (gsm)	45±2
Opacity	≥90%
Liner Type	Single side polycoated kraft paper
Liner Weight	140g±5 gsm
Shrinkage	≤0.8%
Surface Tension	≥30dn/cm
180 Degree Peeling Force	≥20N/25mm (FTM1)
Initial Adhesion-Ball Tack	≥16N/25MM*25mm (FTM9)
Holding Power	≥1440min (FTM8 Standard)
Release Force	0.05~0.2N/25mm
Flammability	Self-extinguishing
Removability	NIL
Durability (unprint, vertical)	18 months
Ink compatibility	Latex / UV / EcoSolvent
Size available	1.27m (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

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.