



DAF Velvet Backlit Film Application Guide

7.5 mil front print 100% polyester film, offering a Velvet print surface. Target Light-box applications: Retail-P.O.P, Event promotion, Transit shelters, Kiosks, Menu boards and Location map displays. Featuring a translucent coating to allow light to illuminate the graphic but diffused enough to obscure light source.

Key Features & Benefits

- Affordable 100% Polyester film for backlit applications.
- Velvet scratch resistant finish.
- Stay-Flat and dimensionally stable film.
- Available in 36" 50", 60"x100' Rolls.
- Universally compatible: Use with **Solvent, Eco, UV and Latex printers.**

Properties: This product offers a Velvet Scratch Resistant print surface resulting in saturated color for images and graphics while holding fine details and type. Product trims clean and evenly with a straight edge and blade. No warping, buckling or stretching under normal conditions.

Handling: Avoid touching material or introducing dust and dirt on to print face. This can cause anomalies and artifacts when printed. Always store unused material in original packaging.

Printing:

- For best results calibrate media feed and bi-directional printing before using. 720 MD dpi, 4+1 pass (Double Ink or 2 overprint) and a max ink load around 230-300% +2 offers a good balance between quality, speed and drying.
- Be sure the Ink is dry when it reaches the take up reel. For high ink Saturation Prints Ink may not dry fully before take-up reel. An external dryer or heat lamps pointed toward film during printing will accelerate drying before reaching take-up reel or allow print time to air dry
- Solvent or Eco-solvent:
 - DO NOT leave printed graphics on take-up reel for extended period of time as printed graphics can bond/stick to back of material if not completely dry.
- Roland Versaworks Suggested settings: (note; different settings may produce better results)
 - *Roland DGA MBF Matte Backlit film, Set = Max Impact.*
- HP Latex suggested settings: (note; different settings may produce better results)
 - High Saturation: Printer media choice = HP Backlit Film
 - Lower Saturation: Printer media choice = Generic Polyester

Post Printing: If product is not completely dry lay print face up for a period of time. In backlit displays lamination is not required but if desired thin PSA or liquid laminates are recommended.

Applications: Lightbox, Menu boards, transit shelters, way-finds and sign frames.

Installation: Interior light box frames. Exterior transit shelters and Plexi-glass protected sign frames. If required a PSA laminated can be applied for added Protect and UV Fade resistance.