



Color Profile Settings – JD DTF Ink

1. Introduction

Accurate color management is critical for high-quality DTF printing. JD provides customized ICC profiles for its DTF inks, ensuring precise color reproduction and consistency across different fabrics and printheads. This guide outlines the recommended color profile settings and best practices.

2. ICC Profile Availability

- ICC profiles available for JD DTF inks with JD PET Films
- Profiles tailored for Epson (XP600, i3200, 4720, 5113, DX5, DX7), Ricoh Gen5/Gen6, and other printheads
- Separate profiles for cotton, polyester, and blended fabrics

3. Recommended RIP Software Settings

Parameter	Recommended Setting
Color Mode	CMYK + White
Resolution	1440 × 1440 dpi (standard) / 1440 × 720 dpi (high-speed)
Ink Limit	220–250% depending on fabric & design
ICC Profile	Use JD-provided ICC profile for your printer model
Drying Settings	Enable pre-heat / adjust media drying to prevent bleeding
Print Direction	Bi-directional or Uni-directional (for fine detail jobs)

4. Best Practices for Color Consistency

- Calibrate monitors regularly for accurate soft proofing
- Maintain stable print room environment (20–28°C, 40–60% RH)
- Use the same batch of ink and film for large production runs
- Perform nozzle checks before printing to avoid banding
- Store inks in sealed containers to maintain color stability

5. Case Study Reference

In the LimaWear S.A.C. case study (Peru), JD DTF inks combined with JD PET Films delivered consistent, vivid colors and reduced customer returns to under 1%. Using JD ICC



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profiles helped achieve sharp logos and accurate brand colors, critical for sportswear and promotional garments.

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