



Case Study – Boosting Productivity with JD DTF Ink

Client Overview

- Client: TexPrint Apparel S.A.
- Location: Guayaquil, Ecuador
- Industry: Mid-to-Large Garment Manufacturing
- Application: High-volume DTF printing for cotton and polyester garments

Background

TexPrint Apparel S.A. is a mid-sized garment manufacturer in Guayaquil, Ecuador. They specialize in producing promotional T-shirts, sports jerseys, and custom uniforms for regional distributors. With demand growing rapidly in the South American market, the company needed a dependable DTF ink solution that would ensure high print quality, minimize downtime, and support scaling up production capacity.

Challenges Before JD DTF Ink

- Frequent nozzle clogging causing daily cleaning interruptions
- Inconsistent white opacity on dark garments
- High ink consumption required for vivid colors
- Customer complaints about fading prints after washing

JD Solution Implemented

The company partnered with JD and switched to JD Premium DTF Inks:

- High-opacity White Ink: Improved coverage on dark fabrics
- Vivid CMYK Colors: Rich, vibrant results with wide color gamut
- Stable Formulation: Reduced nozzle clogging and ensured smooth ink flow
- ICC Profiles: Customized settings for Epson i3200 and XP600 printers
- Technical Support: Provided guidance on ink limits, curing, and maintenance

Results Achieved

- Ink Consumption Reduced by 20% due to high-density formulation
- Zero Nozzle Blockages after 50,000+ continuous transfers
- Wash Fastness: Prints withstood 50+ washes with no visible fading or cracking
- Production Output Increased by 30% with fewer interruptions
- Customer Returns Reduced from 5% to under 1.5%



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Customer Testimonial

“JD DTF inks have been a huge upgrade for our factory. The colors are more vivid, the white is extremely solid, and we no longer waste time fixing clogged printheads. Our clients are happy with the durability of the prints, which has boosted repeat orders.”

— Operations Director, TexPrint Apparel S.A.

Applications

- Custom T-shirts and fashion apparel
- Sports team uniforms & activewear
- Hoodies, caps, and bags
- Promotional textiles and merchandise
- Cotton, polyester, and blended fabrics

Why Choose JD DTF Ink

- Proven performance in high-volume production environments
- Superior wash & stretch resistance
- Reduced waste and improved cost efficiency
- Wide compatibility with international and China-made printers
- Dedicated technical support and ICC color profiling

Contact Us

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