



Case Study – Enhancing DTF Transfers with JD Adhesive Powder

Client Overview

- Client: PrintTex Co.
- Location: São Paulo, Brazil
- Industry: Custom Apparel Printing
- Application: DTF transfers for cotton & polyester T-shirts

Background

PrintTex Co. is a fast-growing custom apparel printing company in Brazil, producing over 5,000 T-shirts per week for promotional distributors and sportswear retailers. As demand increased, the company faced challenges in ensuring strong adhesion and wash durability of its DTF prints.

Challenges Before JD Powder

- Weak adhesion – transfers peeling after washing
- Powder clumping causing pinholes and surface defects
- High return rates – up to 6% due to poor durability
- Extra labor required for repeated pressing

JD Solution Implemented

The factory adopted JD Medium-Grade TPU Adhesive Powder, customized for consistent powdering and strong bonding:

- Smooth & uniform coverage for clean transfers
- Low-melt point formula for reliable curing without yellowing
- Technical support with curing and pressing guidelines

Results Achieved

- Zero clumping issues – smooth powder flow and coverage
- Wash durability improved – transfers lasted 50+ washes
- Return rate reduced from 6% to below 1%
- Labor cost savings of 20% due to fewer re-pressing steps
- Higher customer satisfaction and repeat orders



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Customer Testimonial

“JD adhesive powder gave us the consistency we were looking for. Our transfers no longer crack or peel after washing, and the process is smoother with less rework. It has truly optimized our production.”

— Production Manager, PrintTex Co., Brazil

Applications

- T-shirt and hoodie transfers
- Sports uniforms & activewear
- Canvas bags and promotional items
- Cotton, polyester, and blended fabrics

Why Choose JD Adhesive Powder

- Proven adhesion strength in high-volume production
- Strong wash & stretch resistance
- Smooth powdering for clean transfer quality
- Reduced labor costs and return rates
- Backed by JD’s technical guidance

Contact Us

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