



Product Datasheet – JD DTF Ink

1. Product Overview

JD DTF Ink is a specially formulated pigment-based ink designed for Direct-to-Film (DTF) printing systems. When combined with JD DTF PET Film and adhesive powder, it enables vibrant, durable, and stretchable transfers onto cotton, polyester, blends, and other textiles.

2. Available Colors

- Cyan
- Magenta
- Yellow
- Black
- White (high-opacity, underbase)

3. Packaging Options

- 100ml sample bottles
- 250ml / 500ml bottles
- 1L standard bottles
- 20L bulk barrels for distributors

4. Key Features

- Vivid colors with wide color gamut
- High-opacity white ink for bright prints on dark garments
- Excellent wash and stretch resistance
- Smooth ink flow, anti-clogging formulation
- Compatible with Epson XP600, i3200, 4720, DX5, and other piezoelectric printheads
- Eco-friendly, water-based formula with low VOCs

5. Applications

- Cotton and polyester T-shirts
- Sportswear and uniforms
- Hoodies, caps, and bags
- Promotional textiles
- Mixed fabrics (cotton/poly blends)



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6. Storage & Handling

- Store at 5–30°C in a cool, dry place
- Keep sealed when not in use
- Avoid direct sunlight and freezing
- Shelf life: 12 months from production date
- Shake gently before use to ensure consistent color

7. Recommended Process

- Print order: CMYK → White underbase
- Use with JD PET Film and TPU adhesive powder
- Cure powder at 110–160°C depending on equipment
- Heat press at 150–165°C for 8–15s according to fabric
- Second press 5–10s for maximum durability

8. Safety Notes

- Non-toxic, water-based ink
- Avoid ingestion and direct skin contact
- Use in well-ventilated areas
- Follow local regulations for disposal

9. Contact

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