

ULTRANEX
A HIGH QUALITY

DTF FILM

MADE IN INDIA



No Ink Leakage, Quick Ink drying
Vibrant Colors
Easy Powder Clean Off
High Temperature Stability
Easy Peel Off, Hot & Cold Peel
Satin Matte Finish

INTRODUCTION

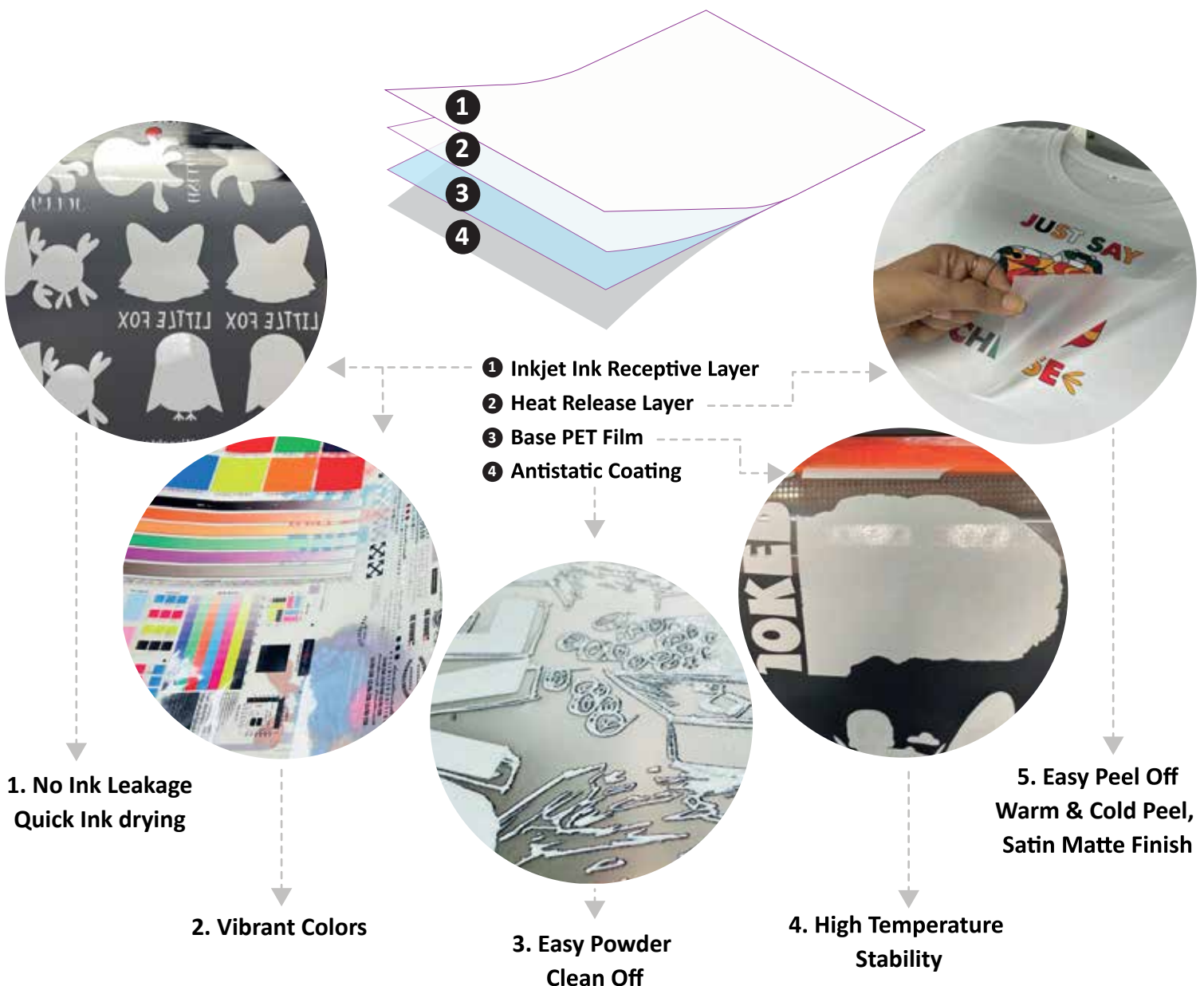
We at Vama Prints & Technologies Pvt. Ltd. have developed **Ultralex DTF Film** for printing textile transfer with inkjet printers. This is offered with extensive R&D on development of coating to ensure the film works to its optimum performance.

WHY ULTRANEX FILM

DTF coatings are formulated and coated at our facility. We are an ISO 9001:2015 Certified company. We practice robust Incoming material checks, Quality assurance plans, Set methods & SOP's in Production. Every lot is tested in an in-house lab for all the parameters starting from printing to wash stability. We have no rework policy. Ultralex Films can be traced back the history of its Raw Materials, Methods used, Operator and Machine parameters used with uniquely applied lot nos.

Used Ultralex DTF Film for worry free performance in printing and transfer.

LAYERS AND FUNCTIONALITIES OF ULTRANEX DTF FILM



Grade: F86SM1/DTF

Heat Transfer Release Film - DTF Inkjet Printing - HD Silicone - Screen Printing

Grade F86SM1/DTF: Is 1 side printable matte coating and other side antistatic coated DTF Printing Film.

Grade F86SM2/DTF Premium: Is both side matte DTF film, 1 side printable matte coating and other side Structured matte antistatic coated.

Typical Properties

1. Appearance	Translucent Film
2. Base - PET Film	75μ
3. Side 1 Antistatic Coated	10 ⁹ Ω - 10 ¹⁰ Ω
4. Side 2 Matte release coated	Even & Smooth Finish
5. Coating thickness	11μ (+ / - 2μ)
6. Matte value of release coating	7 GU (+ / - 1GU)
7. Standard Size	Sheets: A3, A4, Rolls: 1200mm, 800mm, 600mm, 300 X 100Mtrs
8. Print Hold Out	Medium to High
9. Release force	Medium to Low (Hot & Cold Peel)

Special Benefits:

Quick Ink drying / Trouble free powder application / Heat Stable / Vibrant colors / Hot* Warm & Cold Peel / Satin Matte finish to transfer surface / Soft Feel Hand Feel and Many more.....

Guidelines for printing & transfer:

- It is recommended to wear gloves while handling rolls or sheets to avoid damage on the film surface.
- Apply powder adhesive within 1 minute of printing this can probably solve oiling issue.
- In drying process we recommend 110°C to 130°C (230°F to 266°F) for 4 to 2 Minutes in Powder Shaker For best results shaker should have medium wave IR lamp. (Please Note: Each shaker need different temperature settings, **Focus on the surface temperature of film it should reach 150°C to 160°C (302°F to 320°F)**. Good Drying will also eliminate Oiling issue.)
- Transfers should be applied from 130°C to 180°C for 20 to 4 seconds with 2 to 4 bars Pneumatic pressure. If the heat press is manual ensure Medium to High pressure across all the corners of bed.
* Hot peel in Ultralex film can only happen if print is well adhered on the garment with right temperature and pressure user must do some orientation trials to achieve best results. **If you can peel hot that means transferred image is fixed well.**

Disclaimer: Changes can be done on above specification for improvements, Above specification data is our test values and not limits decided & derived by our best possible knowledge of printing & transfer trials / results, "results may vary with user to user in different processes, process controls & Allied materials like ink & / or hotmelt adhesive used which film manufacturer has no control", film manufacturer cannot accept or not be liable for any claims on rejection of any kind, . No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. User should test Film with required functionality with series of trials before mass productions. Suggested in house testing on sampling basis for bulk user before using in production. We reserve the right to make any changes according to technological progress or further developments.

Mfg By:



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Think, *Perform*, Complete Successfully.

Ultralex

Transfer Release Film

Think, *Perform*, Complete Successfully.



Extensive R&D



Coating Machine



High Precision Slitting

Manufactured by:

VAMA
Prints & Technologies Pvt. Ltd.



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