

Pre-Treatment

Improves adhesion for Pigment Inks

WATER
BASED
I N K



PAPPIJET
INKS FOR DIGITAL TEXTILE AND UV PRINTING

PAPIJET TxPT-CLK 20 | TxPT-CDB 50

KISCO develops and produces pre-treatment solutions for pigment inks. These enhance color strength and maintain the fastness on fabrics. Our PAPIJET TxPT-CLK20 is optimized for printing on white, cotton fabrics. It can increase the color strength of PAPIJET TxP/TxPK 201 inks by up to 70%. Our PAPIJET TxPT-CDB50 is optimized for DTG printing. It provides good protection and improves print quality.

For DTP : TxPT-CLK 20

Dilution Ratio : 20%

Dilution Ratio (%)	Strength(%)			
	Cyan	Magenta	Yellow	Black
20%	148	169	191	166

* STD: TxP 201 Untreated Fabric

Padding Condition : pick-up 60~70% / Dry Condition : 105°C, 1~2min

Fastness Properties

	Untreated Fabric		KISCO(CLK 20) Pretreated Fabric	
	Dry	Wet	Dry	Wet
Cyan	4	4-5	4-5	4
Magenta	4-5	4-5	4-5	4
Yellow	4-5	4	4-5	4
Black	4-5	3-4	4-5	3

For DTG : TxPT-CDB 50



Certified
ISO 9001
ISO 14001
OHSAS 18001



HEAD OFFICE

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PIGMENT INK

Direct to Film inks

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INKS FOR DIGITAL TEXTILE AND UV PRINTING

PAPIJET TxPF FOR EPSON

KISCO develops and produces high-color, high-fastness, water-based pigment inks that are based on advanced pigment dispersion technologies. Our Direct-To-Film (DTF) are inks optimized for Epson heads. They deliver stable print quality, bright colors and excellent fastness. DTF inks are eco-friendly products that do not contain hazardous substances such as halogenated organics. Their safety is certified under RoHS 2.0.

DTF inks are printed onto films which can then be applied to substrates using a heat transfer process. Applications include a wide variety of textile fabrics and clothing. DTF printing is a lower-cost process that provides great flexibility to deliver high quality, eye-catching results.

Shades



Physical Properties

Parameter	from	up to	Unit	Measuring Instrument
Surface tension	25.0	40.0	dyne/cm	K20 EASY DYNE [KRUSS Scientific Company]
Viscosity (dynamic)	3.0	4-5	cP	LVDV-II + Pro [Brookfield Engineering Laboratory]
pH	8.0	9.0	-	Orion 3 Star [Thermo Electron Corporation]
Particle size	Color 90.0	130.0	nm	NPA 252-1 [Microtac Instrument Corporation]
	White 200.0	280.0	nm	

All measurements are made at 25±5°C and were recorded after 30 seconds

Application

Wide application

Optimized media : FIM-TxPF-F600 (Roll type), FIM-TxPF-F300 (Roll type)



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Direct to Fabric inks

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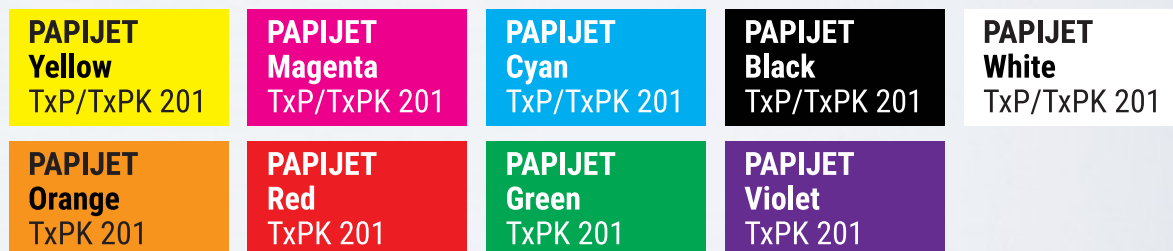


PAPPIJET
INKS FOR DIGITAL TEXTILE AND UV PRINTING

FOR EPSON **PAPIJET TxP 201** | FOR KYOCERA **TxPK 201**

Our PAPIJET Digital Textile Pigment inks deliver high quality prints on a wide range of fabrics. The inks give excellent output stability and are optimized to print with both Epson (TxP) and Kyocera (TxPK) heads. The eco-friendly inks are simple to process and require no further treatment. Prints are soft to touch and exhibit excellent rubbing fastness. The inks give excellent whites that also act as a strong base to deliver clear images.

Shades



Fastness Properties (TxP 201 / TxPK 201)

TxP 201	Washing		Rubbing		Water ISO 105-E01	Light ISO 105 B02	Perspiration ISO 105-E04
	ISO 105-C06	ISO 105-X12					
		Dry	Wet				
Cyan TxP 201	4-5	4	4	4-5	7	4-5	
Magenta TxP 201	4-5	4-5	4	4-5	6-7	4-5	
Yellow TxP 201	4-5	4	4	4-5	>7	4-5	
Black TxP 201	4-5	4-5	3-4	4-5	>7	4-5	

TxPK 201	Washing		Rubbing		Water ISO 105-E01	Light ISO 105 B02	Perspiration ISO 105-E04
	ISO 105-C06	ISO 105-X12					
		Dry	Wet				
Yellow TxPK 201	4-5	4	4	4-5	6-7	4-5	
Magenta TxPK 201	4-5	4	4	4-5	7	4-5	
Cyan TxPK 201	4-5	4	4	4-5	>7	4-5	
Black TxPK 201	4-5	4-5	3-4	4-5	>7	4-5	
Orange TxPK 201	4-5	4	4	4-5	3	4-5	
Red TxPK 201	4-5	4-5	4-5	4-5	5	4-5	
Green TxPK 201	4-5	4-5	4	4-5	6-7	4-5	
Violet TxPK 201	4-5	4-5	4	4-5	6-7	4-5	

Application

Cotton, viscose, silk, wool, linen, polyester & blends



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