



WE LOOKING SHARP

Digital Printing Concept

THE SHARPEST PRINT

**GET READY FOR INKJET
PRINTING WITH TANA®JET**

Fabrics are often not suitable to undergo a digital printing process. With TANA®JET, TANATEX experts made sure your fabrics are as Prepared For Digital Printing (PFDP) as you are.

TANATEXCHEMICALS.COM

ADDING PASSION
TO TEXTILES.

TANATEX[®]
CHEMICALS 

DIGITAL PRINTING CONCEPT

The sharpest print

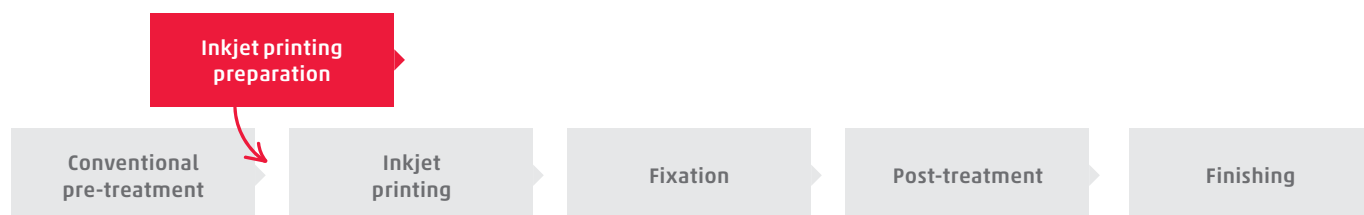
SHARPER PRINTS
BRILLIANT SHADES
SAVE UP TO 30% ON INK



To get to fine inkjet printing results, you need more than ink and machinery. Sharp patterns require a well-executed pre-treatment process, an extra preparation step and the right auxiliaries. This is why we proudly introduce TANA®JET: the solution that prepares your fabrics for the digital printing process. This way, you take your printed fabrics from "OK" to "absolutely brilliant".

About the TANA®JET range

TANATEX experts created a range of thickeners and migration inhibitors for different substrates and articles. Each product was developed to achieve deep and brilliant shades and good sharpness. To further optimise your printing results, the TANA®JET range was expanded with products that improve ink fixation, shade depth and colour brilliance.



Why prepare for digital printing?

Inkjet printing requires the application of all chemicals in a separate step before ink application. Moreover, the fabrics you work with must be prepared for the digital printing process to avoid problems along the way. If you manage to get both steps right, it improves all of the following:

- Shade depth
- Sharpness
- Penetration
- Fastness
- Fabric handle

Comparison of inkjet printing results



Without inkjet preparation



With TANA®JET inkjet preparation

Does it work for everyone?

We know that you work according to your own and unique printing methods. So, to provide you with brilliant printing results, we developed a preparation range that matches your machinery and processes.

Be the first to know

We talk to all of our customers, so our experts can develop even better products that live up to their needs. To provide you with cutting edge products, we also added some experimental products to our range. These products are listed as "EP", which stands for "experimental product".

Type	Products	Fibre type				
		Cellulosic	Polyamide	Polyester	Wool	Silk
Thickeners & migration inhibitors	TANA®JET M 4019	•	•	•	•	•
	TANA®JET A 4100		•		•	•
	TANA®JET D 4201			•		
	TANA®JET Prep RL	•			•	•
	TANA®JET Prep MHP	•	•		•	
	TANA®JET EP 4034	•	•	•		
Shade depth	TANA®JET Wet R	•			•	•
	TANA®JET Wet A		•		•	•
Shade depth & Penetration	TANA®JET Wet PT	•	•	•		
Anti-reducing agent	TANA®JET Oxi R	•			•	•
Urea replacement	TANA®JET Fix UA		•		•	•
	TANA®JET Fix UR	•			•	•
Anti-foam & deaerating auxiliary	TANA®JET AIR NF	•	•	•	•	•

Thickeners & migration inhibitors



TANA®JET A 4100

Concentrated thickener for inkjet printing preparation with acid inks

- Suitable for polyamide, silk and wool
- Deep penetration
- Highly concentrated (low recipe costs)



TANA®JET EP 4034

Migration inhibitor for inkjet pigment printing

- Suitable for various fibres and blends
- Low product and preparation viscosity
- Easy miscible with water



TANA®JET Prep MHP

Concentrated thickener for various fibres and different ink chemistry

- Recommended for high pile fabrics such as carpet and towels
- Suitable for valve jet application
- Flexible penetration



TANA®JET D 4201

Thickener for inkjet preparation with disperse inks

- Suitable for polyester
- Beneficial thermostability
- Soft fabric handle, even without post scouring



TANA®JET M 4019

Versatile, economic and highly concentrated product

- For various fibres such as cellulosic, polyamide, silk and polyester
- Outstanding sharpness and colour yield
- Excellent heat stability, no yellowing



TANA®JET Prep RL

Easy handling, low viscous thickener for inkjet preparation with reactive inks

- Suitable for cellulosic fibres as cotton & viscose
- Easy miscible with water
- Brilliant shades and print sharpness

Performance improvers



TANA®JET Air NF

Anti-foam/ deaerating auxiliary

- Prevents air bubbles during paste preparation
- Improves levelness of the prints



TANA®JET Wet R

Highly concentrated shade depth improver for reactive inks

- Increases shade depth and sharpness
- Increases levelness of difficult shades



TANA®JET Wet A

Shade depth improver for acid inks

- For printing with acid inks on nylon, silk, wool and their blends
- Improves shade depth and sharpness



TANA®JET Oxi R

Oxidation agent for reactive inks and dyes

- Prevents unwanted reduction of reactive inks and dyes
- Suitable for inkjet preparation and classical printing pastes



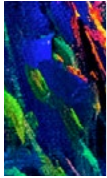
TANA®JET Wet PT

Penetration auxiliary and shade depth improver

- Improves penetration of sublimation and direct disperse ink on polyester
- Shade depth improver for acid and pigment inks

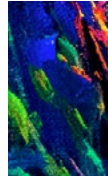
Urea replacement

TANATEX is continuously working on the development of products with less impact on the environment. Our experts have been working on replacing the urea in inkjet preparation recipes. And with success: we proudly present our two urea replacement products:



TANA®JET Fix UA

For polyamide, silk and wool for inkjet preparation with acid inks



TANA®JET Fix UR

For cotton, viscose or silk for inkjet preparation for inkjet printing with reactive inks

Advantages of urea free products

- Urea can partly or entirely be substituted
- Liquid formulations, easy miscible with water
- No loss in colour yield and brilliancy compared to urea applications
- No urea powder contamination of production facilities and machines
- Less algae formation in tubes and pipelines
- Significant reduction of nitrogen load of effluent
- 100 % nitrogen free

Comparison of printing results with urea free products



Regular products containing urea



Urea free products

Do we have your attention?

Our global team of experts is all set to offer you a tailored approach.
Contact our head office in Ede to schedule an appointment.

About TANATEX

TANATEX Chemicals breaks new ground with ultramodern textile processing solutions, ranging from pre-treatment to finishing. Through a global network of offices, agencies and distributors, we support our customers worldwide with advanced top quality wet processing products and a high level of technical and tailormade service. For 60 years we have proven to be a trustworthy and innovative associate.

Since 2016 we are a company of Transfar Chemicals. Our cutting-edge products are based on the latest trends and demands in today's (technical) textiles and carpet processing industry. We do not sell mere products; we offer fit-for-purpose solutions. With an eco-friendly way of thinking, TANATEX experts are the ones to watch.

*We believe that with our passion we can
change the textile world. We improve experiences
and make new experiences possible.*

