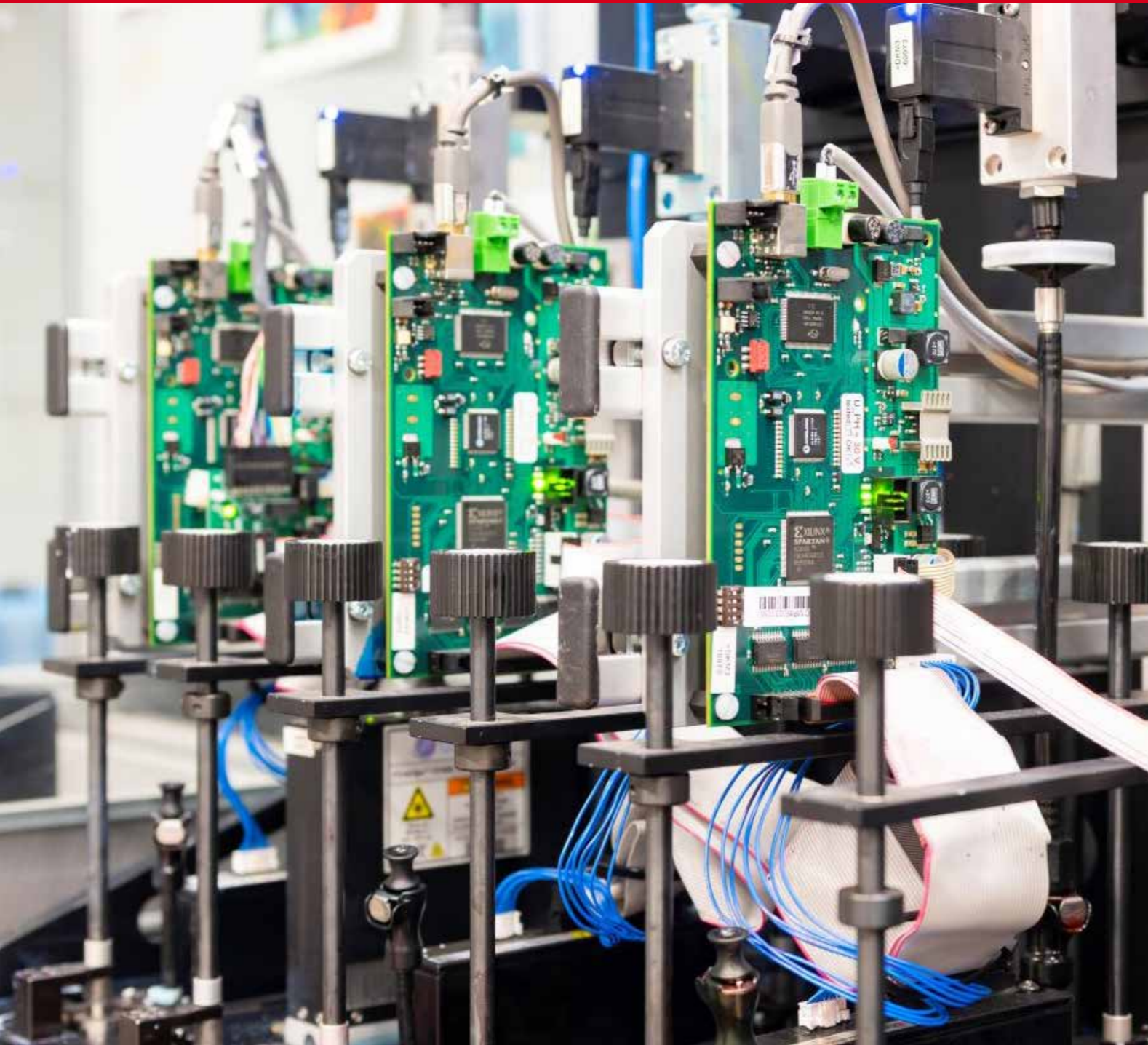


**INK, HEART & SOUL**



# **DIGITAL PRINTING FOR LABELS AND PACKAGING**

Siegwerk's solutions for inkjet



## Siegwerk solutions for OEMs and integrators

Supplying products for daily business and future projects

**You know us. Every day you encounter Siegwerk printing inks in supermarkets and department stores, at newsstands and in gas stations.** In fact, everywhere you see printed products such as yogurt containers, drink bottles, packaged soup, glossy magazines and labels appealing to consumers.

With around 5,500 employees worldwide, Siegwerk is the market leader for high-quality printing inks for a wide variety of packaging and publications. Our value proposition includes competitive products, reliable solutions and individual service which often goes well beyond the printing ink itself.

We all live in a fast-paced, ever-changing environment. Consumers have the choice between thousands of products so brand owners must differentiate their products for different customer tastes across different market segments.

As a result, Siegwerk offers inks for digital packaging printing applications requiring short print runs and even shorter lead times. We are working together with OEM to fulfill their ink requirements. Short print runs enable brand owners to adjust and customize print designs to easily make their brands stand out from competitors through regionalization and personalization of their product packaging.

Shorter lead times allow printers to react quickly to changing market tastes and customer requirements. And from an environmental standpoint, digital printing supports sustainable printing processes by offering printers a reduction of waste and ink stocks as they don't negatively impact the recycling quota of the product.



## UV Inkjet for Labels and Direct Printing

### Tailored Solutions for Versatile Applications

UV inkjet printing technology stands at the forefront of success, delivering high-quality and customized products.

Its remarkable versatility makes it an ideal choice for a wide range of applications, including:

APPLICATION AREA	DETAILS
SELF-ADHESIVE LABELS	Perfect for product identification ✓
WET-GLUE LABELS	Ideal for food and beverage packaging ✓
DIRECT PRINTING ON 3D PACKAGING	Customized branding for complex shapes ✓
BLISTER PACKAGING	Excellent for medical and cosmetic products ✓
ALUMINUM LIDS	Durable and efficient packaging printing ✓

Additionally, this technology offers countless other possibilities to meet unique requirements (direct to object, direct to shape, low migration applications and many more). Siegwirk stands out by providing specialized inkjet ink families tailored to different printing systems and printheads.

This approach ensures the creation of unique and durable print results that meet the highest standards in regards of

product safety and security: We are member of the EUPIA and dedicated to produce the safest inks on the market.

The combination of technological advancements and customized solutions makes UV inkjet an indispensable choice for forward-thinking companies. This technology not only enhances efficiency but also elevates the brand identity of your products to new heights!



## Aqueous Inkjet Inks for Packaging

### Project-Based Solutions for Tailored Success

Siegwerk takes pride in offering advanced water-based (WB) inkjet inks designed for both absorbing and non-absorbing sub-

strates. These inks open up a world of possibilities for packaging applications, ensuring premium quality and eco-friendly solutions.

APPLICATION AREA	DETAILS
FLEXIBLE PACKAGING	Ideal for dynamic and adaptable packaging needs ✓
CORRUGATED	Perfect for shipping and storage solutions ✓
FOLDING CARTON	Optimal for retail-ready packaging designs ✓
TISSUE AND NAPKINS	Tailored for delicate yet functional prints ✓
PAPER CUPS	Suitable for sustainable, single-use products ✓

And beyond these, WB inkjet inks offer even more versatile possibilities, ready to meet unique customer requirements. Siegwirk's commitment lies in developing customized, project-based solutions by collaborating closely with strategic partners.

This approach enables tailored results that perfectly align with specific needs, ensuring long-term success for every client. With Siegwirk by your side, every project becomes a success story.

# SICURA Jet and SICURA NutriJet

Siegwerk's offering in UV Inkjet Inks for labels and direct-to-object printing

PRINTHEAD	VISCOSITY RANGE [mPa*s]	SERIES	COLOR AVAILABILITY					
			CMYK	White	OGV	Spotcolor	Black only	Clear
Kyocera	5,8 - 7,2	Sicura Jet G3	•	•	•	•		
		Sicura Jet D3K					•	
		Sicura NutriJet GLM	•	•		•		
		Sicura Jet G4	•			•		
		Sicura Jet G3 Primer						•
		Sicura Jet G3 Varnish						•
		Sicura Jet G Flush						•
		Sicura Nutrijet GLM Flush						•
Fuji Samba	6,5 - 7,4	Sicura Jet G3S	•	•		•		
		Sicura Jet G3S Varnish						•
Epson	8,0 - 10,0	Sicura Jet E1	•	•		•		
		Sicura NutriJet ELM	•	•		•		
		Sicura Jet E1 Varnish						•
Konica Minolta Ricoh Seiko Xaar	9,0 - 12,0	Sicura Jet DP2	•		•	•		
		Sicura Jet DK					•	
		Sicura Jet SUV2	•			•		
		Sicura Jet White 004		•				
		Sicura Jet White 005		•				
		Sicura NutriJet LMX 2	•			•		
		Sicura NutriJet DTS 2	•			•		
		Sicura Jet Flush						•
		Sicura Nutrijet LMX Flush						•
		Sicura Jet DP2 Primer						•
		Sicura Jet DP2 Varnish						•
		Sicura Jet Metal Primer						•
		Sicura NutriJet LMX2 Primer						•
		Sicura NutriJet LMX2 Varnish						•

MAIN APPLICATION	DESCRIPTION
Labels	General purpose process set for Labels & Packaging applications on non-absorbent substrates
Coding & Marking	Coding and marking black + sharp edges
Labels	Low-migration ink series for NPH + indirect food applications
Labels / Direct to Shape	Direct-To-Shape on rotary symmetric objects
Labels	General purpose jettable primer
Labels	Gloss varnish
Cleaner	General purpose cleaner
Cleaner (NPH)	Cleaner for NPH inks
Labels	General purpose Ink for Labels & Packaging applications on non-absorbent substrates
Labels	Gloss varnish
Labels / Direct to Shape	Direct-To-Shape on rotary symmetric objects
Nutrition, Pharma & Healthcare (NPH)	Low-migration ink series for NPH + indirect food applications
Labels / Direct to Shape	Gloss varnish
Labels / Direct to Shape	Direct-To-Shape on rotary symmetric objects
Coding & Marking	Coding and marking black + sharp edges
Labels / Direct to Shape	Direct on plastic without primer or lable substrate
Solitary white	White for solitary usage
pre-print white	White for overprinting purposes
Nutrition, Pharma & Healthcare (NPH)	Low-migration ink series for NPH + indirect food applications
Direct to shape plastic (PET, PP, PE)	Direct-To-Shape and plastic with low migration + indirect food contact
Cleaner	General purpose cleaner
Cleaner (NPH)	Cleaner for NPH inks
Labels / Direct to Shape	General purpose jettable primer
Labels / Direct to Shape	Gloss varnish in hard & soft version
Aluminum cans	Specific primer for Alu can printing
Nutrition, Pharma & Healthcare (NPH)	Primer for NPH applications
Nutrition, Pharma & Healthcare (NPH)	Gloss varnish for NPH applications



# Unijet FP, Unijet COR and Unijet TN

Siegwerk's offering in pigmented WB Inkjet Inks

USECASE	INK FAMILY	INK CHARACTERISTICS	APPLICATIONS	CMYK	PRIMER NEEDED?
Porous Paper	UniJet TN	very slow drying ink, very long open time	Tissue & Napkins / lottery tickets	●	No
Folding Carton & Corrugated Board	UniJet Cor	Medium fast ink on absorbing substrates	Corrugated carton	●	Yes
			Folding carton / Coated Paper		No
Flexible Packaging	UniJet FP	Fast drying ink, Primer or surface treatment mandatory	Paper	●	Yes
			Foil	●	Yes (most cases)
High viscosity printheads	UniJet HV3	High-Viscosity ink for paper-based substrates	Paper	●	No
Coding & Marking	UniJet DB	Dye-based ink with high light fastness	Paper	●	No
			Coated board	●	No
Wallpaper & Interior decoration	UniJet Decor	Special formulation of substrate + primer + ink	Wallpaper	●	Yes
Printhead cleaning	UniJet Flush	Low-Viscosity cleaner for all water-based systems	Cleaner		
	Hard Cleaner	Solvent-based for rigid cleaning	Cleaner		





## Driven by expertise and guided by quality

We turn science into trust – one batch at a time.

At the heart of precision and innovation at Siegwirk, our laboratory ensures excellence at every stage. From the moment raw materials arrive, our incoming goods inspection guarantees only the highest quality components enter our production. Through diligent quality control, we monitor every detail, ensuring compliance with the strictest standards.

Our experts craft new color shade with care and accuracy, tailoring formulations to meet exact customer specifications.

In our manufacturing process, precision meets efficiency, transforming raw materials into high-performance inkjet products. Finally, our filling and packaging operations seal the process with consistency and care, delivering reliability in every unit.

### Have we sparked your interest?

Let us know via [contact.inkjet@siegwerk.com](mailto:contact.inkjet@siegwerk.com)

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