



NeoPigment™ Ink



Kornit
Digital
bonding
matters

Join the **NeoPigment™** Revolution!

Kornit Digital's innovative and unique chemical solution makes it a leader in the digital textile industry. Based on years of industry experience, our NeoPigment™ Inks are created in-house specifically for our industrially designed Kornit printers. Built around our unparalleled chemistry and ink, Kornit's complete solution includes our advanced technologies, operational software packages, high-end printers and world-class international support.

Specifically engineered for sustainability

Kornit Digital's patented NeoPigment™ technology drives the transition of textile printing into a digital, sustainable and cost-effective ecosystem. Our water based NeoPigment™ inks are 100% non-hazardous, toxin-free and adhere to the strictest human health and environmental standards. As a water-free printing system with no need for any external processes such as pretreatment, steaming and washing, our biodegradable ink and energy saving process makes Kornit the most eco-friendly printing solution in the market.



Internally produced for Inkredible results

From start to finish, our NeoPigment™ inks are formulated, tested and produced in our very own ink factory using our state-of-the-art automated technology. Through the pigment milling process, mixing of ingredients, filtration process, bottling and packaging, we monitor, control and maintain the highest quality levels. Our expert testing team then ensures that every milliliter of ink upholds and surpasses the most severe industry quality protocols.



Produced to respond directly to market needs

Our two families of ink were developed and produced to respond directly to the specific needs of our customers in the Direct to Garment and Roll to Roll textile printing industries. Our inks provide vivid color combinations and high vibrancy with an unprecedented color gamut. With just one single family of ink, you are able to print on the widest variety of fabric substrates and experience excellent results every time.



Direct to Garment Inks - V223 & V323 families

- High quality NeoPigment™ Ink
- High elasticity and non-cracking attributes
- Discharge capabilities*
- White, Cyan, Magenta, Yellow, Black, Red**, Green**



Roll to Roll Textile Inks - V400 family

- High intensity NeoPigment™ Ink
- Unique inline fixation process
- Excellent light fastness
- Cyan, Magenta, Yellow, Black, Red, Green, Grey

Putting our inks to the test

Color Fastness To:	V223 & V323 Samples		V400 Samples	
	Light T-Shirt	Dark T-shirt	100% Cotton	100% Polyester
Washing ISO 105 C06 (C2S) 40°C	4-5	4-5	4-5	4-5
Dry Rubbing (ISO 105 X12)	5	5	3-4	4
Wet Rubbing (ISO 105 X12)	4-5	4-5	3-4	3-4
Perspiration in Acid (ISO105-E04)	4-5	4-5	4-5	4-5
Perspiration in Alkali (ISO105-E05)	4-5	4-5	4-5	4-5
Light Fastness – Xenon Test (ISO105-B02)	7-8	7-8	7-8	7-8

* Relevant for the Kornit Avalanche DC Pro

** Relevant for the Kornit Avalanche Hexa



Kornit's NeoPigment™ Ink Quick Facts:

- Water based NeoPigment™ inks
- Quality printing on multiple fabric types in one machine with a single ink set
- Outstanding color, wash and light fastness
- Integrated automated pretreatment process
- We meet the strictest industry standards as defined by Oeko-Tex 100 safety applications for infant wear, Global Organic Textile (GOTS-3V), Residues Standard List (RSL) and the American Association of Textile Chemists and Colorists (AATCC)
- NeoPigment™ inks contain no animal by-products and are completely vegan friendly

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