

Kornit Digital's new NeoPigment™ Pure ink drastically improves look and feel of printed garments

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Technology preview at Fespa Cologne shows larger gamut, better sharpness and improved hand feel

Hall 8, stand E8

In a significant move to keep ahead of trends and developments in the garment printing market, Kornit Digital has announced a new series of digital inks that is designed for use with all of its direct-to-garment systems. Being previewed at FESPA 2015, the new NeoPigment™ Pure formulation is designed as an organic evolution of the company's existing NeoPigment process and brings users a host of benefits including increased vivacity, an improved hand feel and a more opaque and smooth reproduction of white.

Kornit Digital's NeoPigment Pure ink comprises CMYK plus red, green and white and is formulated to supersede the company's existing ink families by providing color standards that are closer to ideal LAB values. Improved overall smoothness resulting in an increased gamut of more than 15%, is accompanied by a deeper black (K), while the white ink has greater brightness and opacity with greater coverage.

With a refined hand feel, Kornit's NeoPigment Pure ink offers reduced post-print odour, and is suitable for use on virtually all fabric types with the added benefit of offering 100% sustainability and biodegradability. The ink is fully compliant with OekoTex 100 and is GOTS pre-approved.

In addition, the new NeoPigment Pure ink has been designed to increase the performance of the Kornit Digital direct-to-garment systems' print-heads with faster start-up and better reliability. The new ink also offers better wash-fastness, a longer shelf life and the likelihood of waste is vastly reduced. Once commercially available, the new inks will be able to be used with all of Kornit's direct-to-garment printing systems in the field, without any hardware changes.

"Kornit Digital's policy is never to stand still but to continue with developments across all of its technologies in order to bring customers and new users the best pigmented ink technologies to combine with their Kornit direct-to-garment printers," states Guy Zimmerman, Kornit's Executive Vice President of Marketing and Business Development. "Our new NeoPigment Pure inks respond to customer demand for refined characteristics that we're able to offer with our NeoPigment process, and we now have the widest colour gamut in the industry, a velvety touch and the ultimate in white ink performance."

Kornit Digital's NeoPigment Pure ink is making its debut at FESPA where it is being demonstrated on the company's Avalanche Hexa. Kornit's direct-to-garment printers cover all budgetary and production requirements. The product line-up at Fespa includes the Kornit Avalanche portfolio of industrial high volume solutions, the Kornit Storm II, which is designed for single-operator use and the entry-level and small business Kornit Breeze. Kornit's FESPA presence also features its Paradigm II printer integrated with a screen printing carousel and the Allegro 1.8m high-speed roll-to-roll fabric system.

About Kornit Digital

Kornit Digital (Nasdaq: KRNT) develops, manufactures and markets industrial and commercial printing solutions for the garment, apparel and textile industries. Leading the digital textile printing market with its exclusive eco-friendly NeoPigment process, it caters directly to the needs of the entire textile printing value chain, from designers to manufacturers, apparel decorators and fashion brands. With its immense experience in the direct-to-garment market, Kornit Digital is also revolutionizing the roll fabric industry with its single step solution that enables printing with a single ink set onto multiple types of fabric and with no additional finishing process. Founded in 2003, Kornit Digital is a global company with offices in the USA, Asia Pacific and Europe and serves customers in more than 100 countries worldwide. For more information, visit Kornit Digital at www.kornit.com.

Press release

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