

Measuring the Relationship of the Quantity of Ink Deposition from DOD Piezoelectric Inkjet Printing for Performance on Fibers

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Abstract

This report examines how the amount of ink deposited on fabric can influence performance factors. It compares the performance of various depositions of pigmented ink on fabric substrates, including cotton, cotton-polyester blend, and 100% polyester. It tests crocking, wash and UV exposure resistance according to industry accepted standard tests of the inkjet printed fabric samples.

Biography

Vincent Cahill has been active in the printing industry and digital product development for thirty years. He was President of the Colorworks, CEO of Datametrics Corporation, and is currently President of VCE Solutions, Director of Group Digimage Inc., co-founder of Newhill Technologies and Specialty Materials. He consults and writes on digital printing issues and is involved with the development and application of digital printing technology. He received his Bachelor's degree from Fordham University.