

MICHELMAN
DigiPrime®

print receptive solutions
for HP Indigo

Commercial Presses





MICHELMAN

Michelman, founded in 1949, is a global producer of water-based coatings and print receptive primers for flexible film packaging, paperboard, label stock and corrugated cartons. HP Indigo, as a global leader in high quality digital printing technology, has tested and recommends a broad range of Michelman's DigiPrime® priming solutions that optimize paper and film media to produce the best possible printed output.

Innovation and technology have revolutionized the digital printing industry. HP Indigo regularly offers users new options in presses and application techniques on a wider variety of substrates. Michelman's primer range has also evolved, making it easier for you to take full advantage of the new capabilities offered by Indigo presses. A broad range of papers qualified for HP Indigo Digital Presses can be purchased commercial off-the-shelf. However, Michelman primers are the solution to obtain the highest quality printed output on any kind of printed paper.

In-Line Primers

Michelman's primers impart a print receptive surface on the substrate, and improve the ink transfer and adhesion of HP Indigo ElectroInk®.

HP Indigo has high capacity presses equipped with in-line priming applicators. Michelman's full range of primers for this equipment enables printing of personalized direct mail, as well as short production runs of books, journals, manuals, yearbooks, and magazines.

HP Indigo Digital Press	Michelman Primers	Recommended Substrates
w3250	Michem® In-Line Primer Q4304A	coated paper
w3250	Michem® In-Line Primer Q4305A	uncoated paper
w7200 & w7250	Michem® In-Line Primer Q4324A	coated paper
w7200 & w7250	Michem® In-Line Primer Q4325A	uncoated paper

HP Indigo 12000 Digital Press





Off-Line Primers

DigiPrime® is used by many digital press owners around the world because of its ability to improve ink receptivity, rub resistance and image quality on most types of paper, plastic, and film. It does not yellow or lose its print receptivity over time and it allows long blanket life and less downtime for your presses.

HP Indigo Digital Press	Michelman Primers	Recommended Substrates
5000 series 7000 series 12000 series	DigiPrime® 4431	paper and synthetic substrates
	Sapphire Priming Solution Q4310A	paper only

The Sapphire Priming solution is a treatment used for optimizing papers for the HP Indigo commercial presses such as 5000 and 7000 series. The treatment is based on the application of a water-soluble polymer. For this reason, it is important that substrates treated with Sapphire, and not intended for immediate printing, are stored in a vapor barrier wrapping paper and away from light. A maximum shelf life of 6 months, before printing, can be expected for this type of storage.

HP Indigo w7250 Digital Press



In addition to primers, Michelman also offers varnishes for protection and enhancement of the printed image. Please contact us for further details.

Innovating a Sustainable Future with Expert MaterialsSM

As a global developer and manufacturer of environmentally friendly advanced materials for industry, Michelman offers solutions for the coatings, printing & packaging, and industrial manufacturing markets. Motivated by unwavering values, and ingrained with a passion for environmentally conscious innovation, we help companies around the globe establish and achieve their product development goals. With access to Michelman's expert materials resources, a compelling combination of world-class talent and specialty chemistries, our customers are excelling in the diverse range of markets they serve with sustainable and responsible solutions.

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