LUX® ITP™ Platform

Flat-Top Dots In-The-Plate™

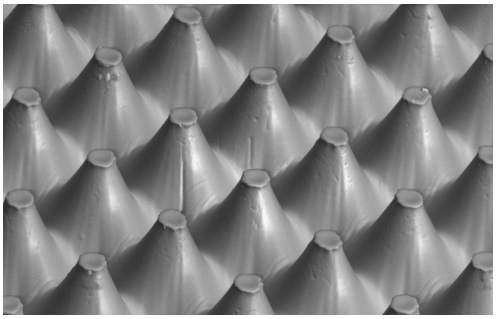
LUX® Flat-Top Dot Technology Platform

LUX® performance and characteristics without adding steps to the workflow.

Achieving flat-top dots without adding steps to the workflow has been a reality since spring of 2014. The first such option available commercially, LUX® In-The-Plate™ (ITP) was created as a new platform of flat-top dot technology - the product of a persistent and focused effort to advance flexographic platemaking and printing. The result was an innovation that made the proven print benefits of flat-top dots easily available to an entire industry.

The LUX® ITP™ product line is now a subset of the LUX® flat-top technology platform. MacDermid's innovative platform is based upon developing to our customer's needs, and offers various solutions and choices to this end. The LUX® technology platform now has multiple unique selections for producing flat-top dots: lamination, in-the-plate capabilities and even "alternate" methods for producing flat top or hybrid-style dots.

Awarded the 2016 Technical Innovation Award by the FFTA



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LUX® FLAT-TOP DOT TECHNOLOGY PLATFORM

	Key Features	*Availability*
LUX® ITP™ 60	• Flat-Top Dots with standard platemaking techniques • 1:1 mask-to-plate reproduction depending on line screen • Low dot gain • Outstanding durability and drape • Extremely low tack • Solvent or thermal processing • 60 durometer plate • Clean print technology	Commercially Available
LUX® ITP™ M	• Flat-Top Dots with standard platemaking techniques • 1:1 mask-to-plate reproduction depending on line screen • Clean print technology • Low dot gain • Outstanding durability and drape • Extremely low tack • Solvent or thermal processing • Medium durometer plate	Commercially Available
LUX® ITP™ C COMING SOON!	• Flat-Top Dots with standard platemaking techniques • 1:1 mask-to-plate reproduction depending on line screen • Low dot gain • Outstanding durability and drape • Extremely low tack • Solvent or thermal processing • A balanced plate surface for low image gain and exceptional solids coverage • Clean print technology	Late Stage Beta Testing Q1 Expected Commercialization
LUX® ITP™ Sleeve	• Able to be formed into seamless sleeves using existing methods • Flat-top-dot sleeves with standard ITR exposure equipment • 1:1 mask-to-plate reproduction depending on line screen • Low dot gain • Outstanding durability • Extremely low tack • 60 durometer	Initial Field Testing*
Digital MAF	• Dot profile optimized specifically for post print corrugated • Reduced dot gain • Faster press speeds • Flat-top dots right out of the box • Solvent processing	Commercially Available

*Availability status as of April 2017. Please contact your MacDermid representative for more information.

MacDermid will continue to support and develop new products and technologies based upon the total LUX® platform and the subsequent pathways to achieving LUX® quality.

MacDermid
GRAPHICS SOLUTIONS

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