

# LUX<sup>®</sup> ITP<sup>™</sup> Platform

Flat-Top Dots In-The-Plate<sup>™</sup>



## LUX<sup>®</sup> Flat-Top Dot Technology Platform

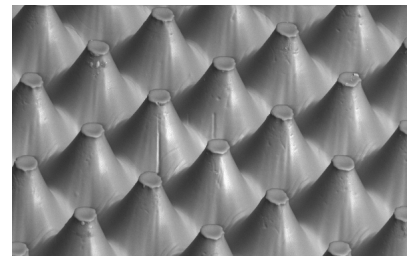
*LUX<sup>®</sup> performance and characteristics without adding steps to the workflow.*

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<sup>®</sup> In-The-Plate<sup>™</sup> (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<sup>®</sup> ITP<sup>™</sup> product line is now a subset of the LUX<sup>®</sup> 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<sup>®</sup> 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



# LUX® ITP™ Platform

Flat-Top Dots In-The-Plate™



## LUX® FLAT-TOP DOT TECHNOLOGY PLATFORM

	<i>Key Features</i>	<i>Availability</i>
<b>LUX® ITP™ 60</b>	<ul style="list-style-type: none"><li>• Flat-Top Dots with standard platemaking techniques</li><li>• 1:1 mask-to-plate reproduction depending on line screen</li><li>• Low dot gain</li><li>• Outstanding durability and drape</li><li>• Extremely low tack</li><li>• Solvent or thermal processing</li><li>• 60 durometer plate</li><li>• Clean print technology</li></ul>	Commercially Available
<b>LUX® ITP™ M</b>	<ul style="list-style-type: none"><li>• Flat-Top Dots with standard platemaking techniques</li><li>• 1:1 mask-to-plate reproduction depending on line screen</li><li>• Clean print technology</li><li>• Low dot gain</li><li>• Outstanding durability and drape</li><li>• Extremely low tack</li><li>• Solvent or thermal processing</li><li>• Medium durometer plate</li></ul>	Commercially Available: June 1, 2017
<b>LUX® ITP™ C</b>	<ul style="list-style-type: none"><li>• Flat-Top Dots with standard platemaking techniques</li><li>• 1:1 mask-to-plate reproduction depending on line screen</li><li>• Low dot gain</li><li>• Outstanding durability and drape</li><li>• Extremely low tack</li><li>• Solvent or thermal processing</li><li>• A balanced plate surface for low image gain and exceptional solids coverage</li><li>• Clean print technology</li></ul>	Late Stage Development: Q3 Expected Commercialization
<b>LUX® ITP™ Sleeve</b>	<ul style="list-style-type: none"><li>• Able to be formed into seamless sleeves using existing methods</li><li>• Flat-top-dot sleeves with standard ITR exposure equipment</li><li>• 1:1 mask-to-plate reproduction depending on line screen</li><li>• Low dot gain</li><li>• Outstanding durability</li><li>• Extremely low tack</li><li>• 60 durometer</li></ul>	Initial Field Testing*
<b>Digital MAF</b>	<ul style="list-style-type: none"><li>• Dot profile optimized specifically for post print corrugated</li><li>• Reduced dot gain</li><li>• Faster press speeds</li><li>• Flat-top dots right out of the box</li><li>• Solvent processing</li></ul>	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.



**FOR MORE INFORMATION, PLEASE CONTACT:**  
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