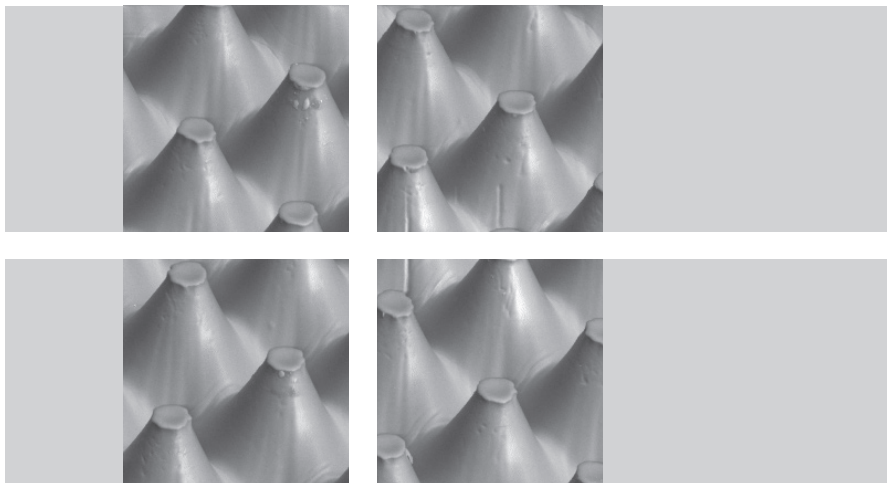


LUX® ITP™ Platform

Flat-Top Dots In-The-Plate™

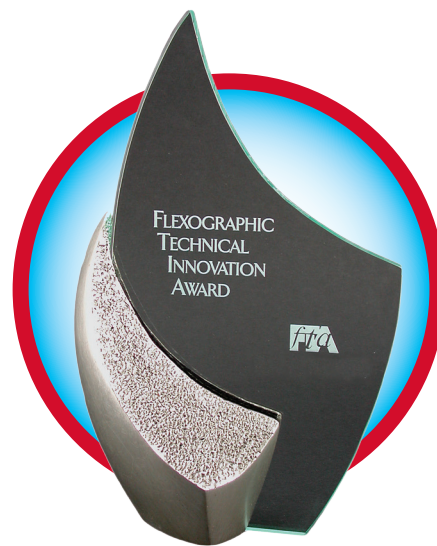


LUX® Flat-Top Dot Technology Platform

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.



Winner FTA 2016 Technical Innovation Award



LUX[®] ITP[™] Platform

Flat-Top Dots In-The-Plate[™]



LUX [®] Flat-Top Dot Technology Platform		
	KEY FEATURES	AVAILABILITY
LUX [®] ITP [™] 60	<ul style="list-style-type: none"> • Flat-Top Dots with standard platemaking techniques • 1:1 mask-to-plate reproduction • Low dot gain • Outstanding durability and drape • Extremely low tack • Solvent or thermal processing • 60 durometer plate 	Commercially Available
LUX [®] ITP [™] M	<ul style="list-style-type: none"> • Flat-Top Dots with standard platemaking techniques • 1:1 mask-to-plate reproduction • Low dot gain • Outstanding durability and drape • Extremely low tack • Solvent or thermal processing • Medium durometer plate 	Late Stage Beta Testing
LUX [®] ITP [™] C	<ul style="list-style-type: none"> • Flat-Top Dots with standard platemaking techniques • 1:1 mask-to-plate reproduction • 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 • Runs clean time and time again 	Initial Field Testing
LUX [®] ITP [™] Sleeve	<ul style="list-style-type: none"> • 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 • Low dot gain • Outstanding durability • Extremely low tack • 60 durometer 	Initial Field Testing
Digital MAF	<ul style="list-style-type: none"> • 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

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.

