



*A paradigm shift in
Anilox transfer
technology...*



eCell (HD) HDLE Anilox Transfer Technology



eCell
HIGH DEFINITION

eCell (HD) HDLE Anilox transfer technology has been specifically developed to assist printers obtain higher print quality, improved definition, and take full advantage of the latest CTP, HD, NX, Flat-Top Dot plate techniques.

This advanced high definition Anilox transfer technology has fundamentally been designed & based upon the proven principles, practices and successes of the industry standard yCell (Y-Hex) 60 degree cell pattern, however in essence eCell is a modified elongated version, which consists of two differential screen counts (Vertical & Horizontal) these differential screen counts create a unique elongated cell shape.

This extremely advance anilox transfer technology has been strategically refined and developed, using a combination of advanced high definition laser engraving techniques: MBA (Multi Beam Anilox), MAD (Micro Anilox Displacement), Custom Cell (Cell Design Software) into our new aged Black Pearl™ ceramic coating.

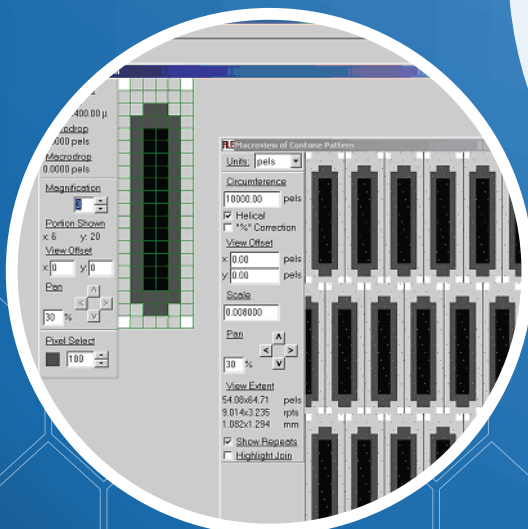
eCell (HD) anilox transfer technology now allows printers to select & specify higher screen counts than that of their conventional yCell(60 degree) cell counts, however printers can still maintain the same or higher volume ranges without the need for plate screen changes, the uniqueness of this elongated high definition cell shape, allows for ink to be transferred more fluently, which dramatically improves the amount of ink transferred to the substrate, visibly improving the density, opacity and overall print quality.

Key Benefits:

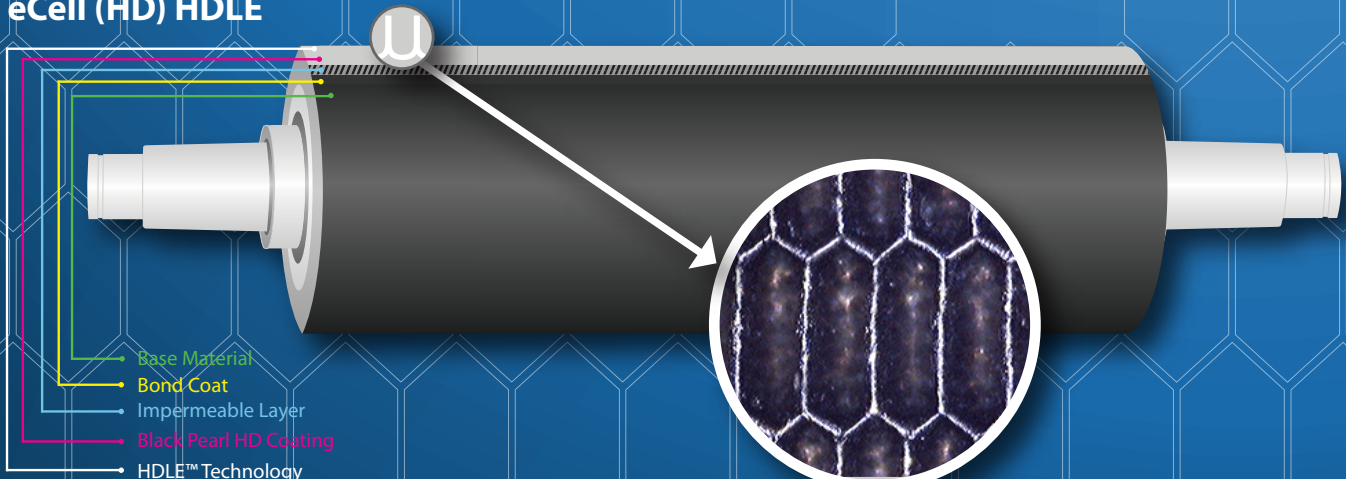
- Increased Ink Transfer Ranges
- Higher Screen & Solid Combination Coverage.
- Low Dot Gain
- Extended high definition Color Gamut Performance (More POP for Flexo)
- Consistent volumetric transfer.
- Superior contrast and density at higher line screens counts
- Cleaner and sharper highlights and mid tones.
- Reduction in ink flinging.
- CTP, HD, NX, Flat Top dots, and stochastic plate technology ready.

Key Features:

- High Performance eCell (HD) AVM Certified Cell Tech.
- New generation coatings using latest P-Coat techniques & technologies.
- Easy to maintain and clean due to the elongated cell shape.
- Extended Nano Doctor Blade ready surface technology.
- Designed to run at faster press speeds, low-cell turbulence technology.



eCell (HD) HDLE





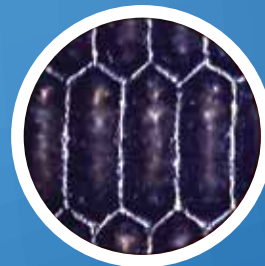
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HDLE™



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eCell(HD)™
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