



dedication to innovation
in plating technologies

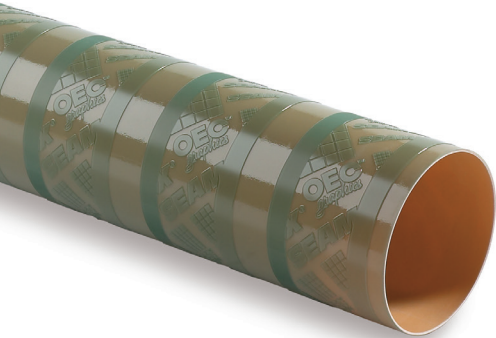
HD-ITR™ and **HDFlexo™** offer gravure quality with flexo technology. HD-ITR is the first and only North American ITR seamless photopolymer sleeve offered with High Definition Flexo imaging, resulting in exceptional print quality with increased tonal range, smoother tints and accurate registration for a superior looking package on shelf.



HD-ITR™

CONTINUOUS PHOTOPOLYMER HD SLEEVES

The first and only North American ITR sleeve offered with high definition flexo imaging and screening technologies. OEC combines our award-winning HD-Flexo imaging with our industry leading sleeve manufacturing to bring state-of-the-art to a new and higher level.



SEAMEX® HD-ITR ADVANTAGES

- UP TO 4,000 DPI SCREENINGS
- EXCELLENT HIGHLIGHTS AND MINIMUM DOT (.4%)
- SUBSTANTIALLY INCREASED TONAL RANGE
- SMOOTHER TINTS THAT ARE EASY TO PRINT
- SHARPER COPY & IMAGES

HD Flexo™

REVOLUTIONIZING DIGITAL FLEXO

High definition flexography is a combination of high-resolution optics with finely tuned screens specifically designed for higher imaging resolutions. The high-resolution optics on the flexo imaging device increases its maximum resolution to 4,000 ppi.

IMPROVED
LINEART



4p at 2540 ppi



4pt at 4000 ppi

By increasing the data used to describe the dot, they are more round and have perfectly shaped shoulders. The resulting print has sharper details, higher contrast and less dot gain. In addition, the dots produce an expanded gamut and extend the tonal range.

HD Flexo is available today and with our **DFM on-site Facilities Management** option, you gain the most experienced partner in the industry.

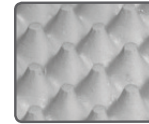


Flat top dot™

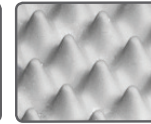
1 : 1 PLATE IMAGING TECHNOLOGY

OEC Flat Top Dot produces digital plates, which allows the production of highlight dots, reverse and positive copy with a “Flat Top” providing greater surface area and more image structure.

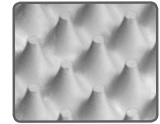
ANALOG



DIGITAL



FLAT TOP DOT



Printers have the ability to achieve faster start-ups, higher contrast, smoother vignettes and utilize surface screening technologies. Quality and consistency of digital imaging with the added benefits of “Flat Top” image surface.

This new technology features 1:1 plate imaging and the elimination of the bump curve for truer file-to-image conversion, therefore, a 1% dot burned into the plate mask will equate to a 1% dot formed in the plate.

OEC Flat Top Dot is available in a variety of flexo-print technologies; from corrugated to carton to label to flexible packaging.