

# With Certified Anilox-Technology to Opaltone®-success

The Opaltone process requires well adapted Anilox specifications with high line screens in order to transfer a thin and consistent ink film.

Finer Anilox rolls allow you to control your ink better and reduce ink consumption.

Opaltone demands Anilox engravings with perfect cell shapes and highly repeatable engravings that have optimal cell shapes.

Innovative Laser-technology and new developments in ceramic materials enable Zecher to meet those requirements. We focus on the improvement of Anilox engravings with respect to ink transfer and well defined cell geometry. Due to the high beam quality of our newest lasers we achieve excellent cell shapes. Constant laser power provide an unmatched high degree of engraving stability and repeatability.

Our engravings are analysed and documented by scientific measurement methods such as Interferometry. Our quality system ensures that we meet the target specifications and provides a high degree of transparency for our customers.

The constant high quality of our Anilox rolls provides ideal conditions for the Opaltone process, which requires a well specified and consistent ink transfer.

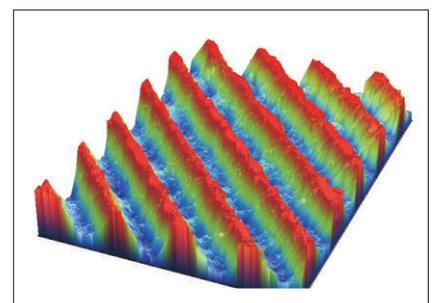
As a result Zecher is the only certified Anilox supplier so far, being aware of the needs for the Opaltone process. We can support you to find the best Anilox specifications for your application.

Opaltone delivers an extended color range beyond CMYK and at the same time can reduce your spot color inventory to just seven cans of ink.

This is all achieved by adding an RGB (Red, Green and Blue) ink set to your process colors CMYK. The Opaltone System separates an image file in up to 7 colors.

The seven Opaltone Colors can create nearly all spot colors. Opaltone replaces not only the need for supplementary colors. It can at the same time provide increased productivity and outstanding flexo quality.

- ➔ Less Anilox change over, because most jobs can be printed with the same Anilox set.
- ➔ Reduced anilox and ink inventory



Tri-Helical engraving 500 l/cm



- ➔ Less color shifts and less wash-ups
- ➔ Make-ready time is reduced drastically because of less ink shifts and high color consistency from job to job
- ➔ Less substrate waste
- ➔ Faster press speeds because of lighter ink films

Opaltone® is a trademark of Opaltone Inc., USA.

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