Afflatus

YOUR PRINTING PARTNER

Revolutionizing Photopolymer Flexographic Printing Plates

PRINT INSIGHTS

www.afflatusgravure.com



Flexographic Plate Printing Result



Flexographic printing remains the backbone of packaging and label production and at Afflatus Gravures, we are committed to delivering cutting-edge solutions with our high-quality flexographic plates. Leveraging advanced imaging technology, our photopolymer plates ensure superior ink transfer, high-resolution imaging and unmatched durability, making them ideal for diverse substrates like paper, film and flexible packaging materials.

Understanding Flexographic Photopolymer Plates & Advanced Microcell Technology

Flexographic plates play a crucial role in the printing process, directly impacting print clarity and consistency. At Afflatus Gravures, we use state-of-the-art platemaking technology to create high-quality photopolymer flexographic plates, ensuring precision and efficiency in platemaking.

Advanced Technology for Superior Plate Making

High-Resolution Imaging

Our advanced imaging technology enables imaging at 4000ppi, nearly double the industry standard, ensuring finer details, sharper text and smoother tonal transitions.

Enhanced Ink Transfer The integration of microcell technology in our plates enhances ink laydown, reducing pinholes and negative artifacts for smoother solids and higher ink density.

Improved Print Quality Advanced laser imaging provides superior consistency, reducing variations in print runs and ensuring high-quality output on various substrates.



Microcell Technology for Enhanced Ink Density & Precision

Our flexographic plates feature microcell technology, which optimizes ink transfer, improves color vibrancy and enhances the tonal range.

Key benefits include

Smoother Solids Eliminates pinholes and ensures even ink distribution.

Increased Ink Density Achieves up to 0.7 higher solid ink density, resulting in richer, deeper colors.

Elimination of Dot-Bridging Keeps fine details intact, preventing unwanted merging of screen dots.

Gravure-Like Print Quality

Our HD Flexo plates match the print quality of gravure, ensuring sharp details, brilliant solids and seamless gradients.



▲ Print Quality

Exceptional Print Quality

High-resolution plates designed for fine details and smooth gradients



◀ Flexographic Plate

▲ Mascot and Packaging Designs

Durability & Reusability Capable of producing millions of impressions with consistent performance.

Tailored Solutions We provide plates optimized for various printing applications, from flexible packaging to corrugated board printing. With Afflatus Gravures' commitment to innovation and excellence, our flexographic printing plates set new benchmarks in quality, efficiency and sustainability. Contact us today to experience the future of flexographic printing!

WeCreate



Product Development

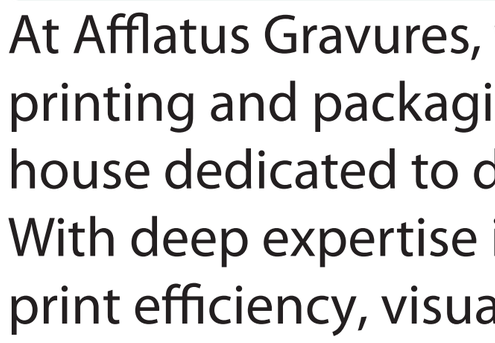
Driving Innovation in the Printing Industry

At Afflatus Gravures, we recognize that impactful design is the backbone of high-quality printing and packaging. That's why we established WeCreate, our in-house creative design house dedicated to delivering cost-effective and print-optimized design solutions.
With deep expertise in the printing industry, our team ensures that every design enhances print efficiency, visual appeal and brand differentiation.

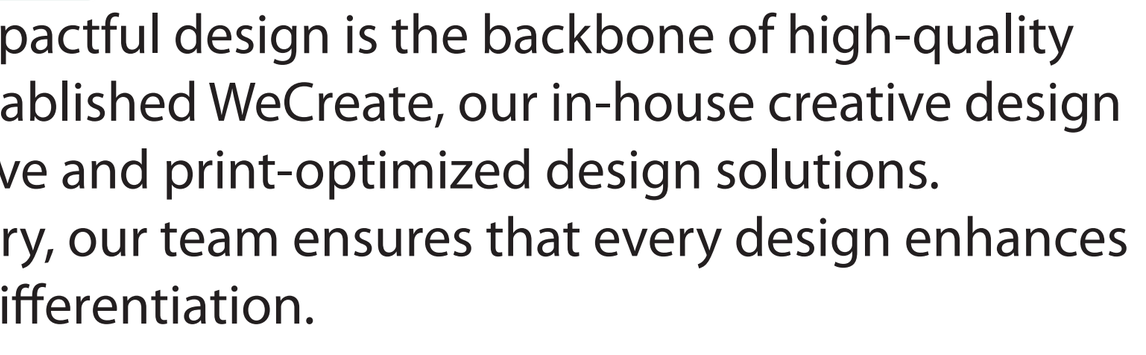
Product Development

From concept ideation to print-ready execution, we create high-impact and production -efficient designs that maximize clarity, durability and cost-effectiveness.

Industrial Design



Our designs integrate functionality with aesthetics ensuring seamless adaptability across various printing substrates and techniques.



Idea, Screening & Evaluation → **Detailed Investigation** → **Development** → **Testing** → **Market Launch**

User Experience & Interaction Design

We optimize design elements for enhanced readability, print alignment and user engagement across digital and physical packaging.

Brand Strategy & Identity for the Printing Industry

We develop strong print-ready brand strategies from logo design to packaging identity ensuring consistency across flexo, gravure and digital printing platforms.

Visual Communication & Packaging Design

WeCreate specializes in cost-effective packaging and label designs that ensure high-resolution print reproduction, color accuracy and material efficiency across photopolymer flexography, rotogravure, embossing dies and digital print formats. With WeCreate, brands get cutting-edge and print-optimized design solutions that elevate their presence in the printing and packaging industry.



logo design ▲



Certifications: A Mark of Excellence

Our pursuit of quality and excellence is validated by the numerous certifications we've received, ensuring we meet the highest international standards

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