

# Turning ideas into **durable solutions**

FLEXOGRAPHIC PRINTING  
SYNTHETIC EMBOSSING



## SAUERESSIG Group – Power your Ideas

The SAUERESSIG Group, part of Matthews International Corporation, is a globally recognized expert in rotary tools for gravure and flexographic printing processes, embossing rollers, cutting and creasing tools and special machine construction. Under one common umbrella brand, we unite the business units Elastomers, Packaging, Surfaces, Engineering, Rollers and e.GEN.

Working with us as your partners, you benefit from our strong global network, solution-oriented innovations, decades of experience and maximum flexibility.

SAUERESSIG Elastomers is synonymous with high-level expertise in the fields of flexographic printing and synthetic embossing. Creativity, technical know-how and future-oriented workflows enable us to provide targeted, professional solutions for your individual projects, and to set new standards together with you. The outstanding quality as well as the durability of our products pay off in terms of both cost-efficiency and sustainability – while at the same time ensuring the decisive edge over the competition.

“Thanks to our experienced team and cutting-edge production facilities in the fields of flexographic printing and synthetic embossing, each day we deliver the best possible solution for our customers’ demands.”

# Experience, flexibility and precision

In addition to the production of high-quality laser-engraved printing tools such as elastomer plates and elastomer sleeves in HD quality, we also produce dimensionally stable lacquer plates for special finishing effects in offset printing. With our QEmboss process we offer an innovative synthetic embossing application, and we support our clients with customized consulting, individual design-to-print-management, and print technical support.

Our flexographic printing processes and synthetic embossing forms are in use in the production of flexible packaging for the food industry, pet food, for pharmaceutical, hygiene and tissue products, as well as to produce gift-wrapping paper.

For Fast Moving Consumer Goods, we regularly implement creative designs and assist well-known branded companies with international product launches. Our dedicated team has a focus on the market needs and looks after, supports, and strengthens brands and trademarks – for the perfect performance of your brand.

Flexible Packaging

Hygiene Products

Pharmaceutical Products

Safety

Pet Food

Gift-Wrapping Paper

Tissue Products

Printed Electronics





## Rotary, flexible, custom fit

When a cylinder rotates, it gives shape and color to the material beneath it and turns an idea into a product. It is everyday objects that often require sophistication, inventive spirit and technical know-how – and where these products are created, SAUERESSIG tools are in use.

We know the challenges of the printing industry down to the smallest detail and therefore we are leaders in the production of printing and embossing tools across all dimensions and formats. Thanks to the range of our processes, we can meet the most diverse requirements in terms of substrate, haptics and coloring.

With the capability to deliver technical laser engravings with a depth of up to 8 mm, 3D applications and embossing processes, the use of optimized materials, or microstructures on your desired substrate, our specialists develop tailor-made solutions for your individual demands.



## Our product portfolio – as **flexible** as your **demands**

### Elastomer Plates

Our elastomer plates are a compelling choice in terms of their extreme durability, solvent resistance, and outstanding printing results in HD quality.

### Elastomer Sleeves

Our elastomer sleeves are construed for high-resolution printing in HD quality and maximum printing speed and can be produced in any size needed – starting from a small sleeve for laboratory uses, up to XXL-Sleeves with 3.500 mm face width and 1.500 mm print circumference.

### Lacquer Plates for Offset Printing

Sometimes very special finishing effects in offset printing are called for. Our dimensionally stable and durable lacquer plates for offset printing enable lacquer effects that stand out optically and haptically.

### Synthetic Embossing

No matter whether aluminum foil, beverage cans, paper, or cardboard – our innovative synthetic embossing tools deliver tailor-made solutions for your embossing requirements. Outstanding haptic results and short production times distinguish our QEmboss process.

### Technical Laser Engraving

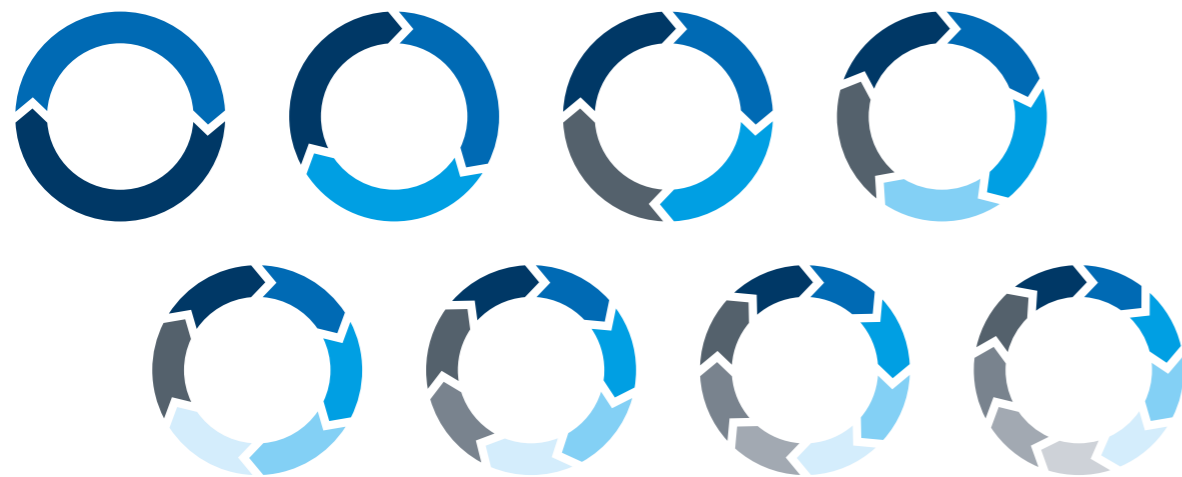
Independent of the material used and based on your individual specifications, we conduct technical laser engravings on diverse types of rollers – including demanding tasks like 3D laser engravings or deep engravings up to 8 mm.



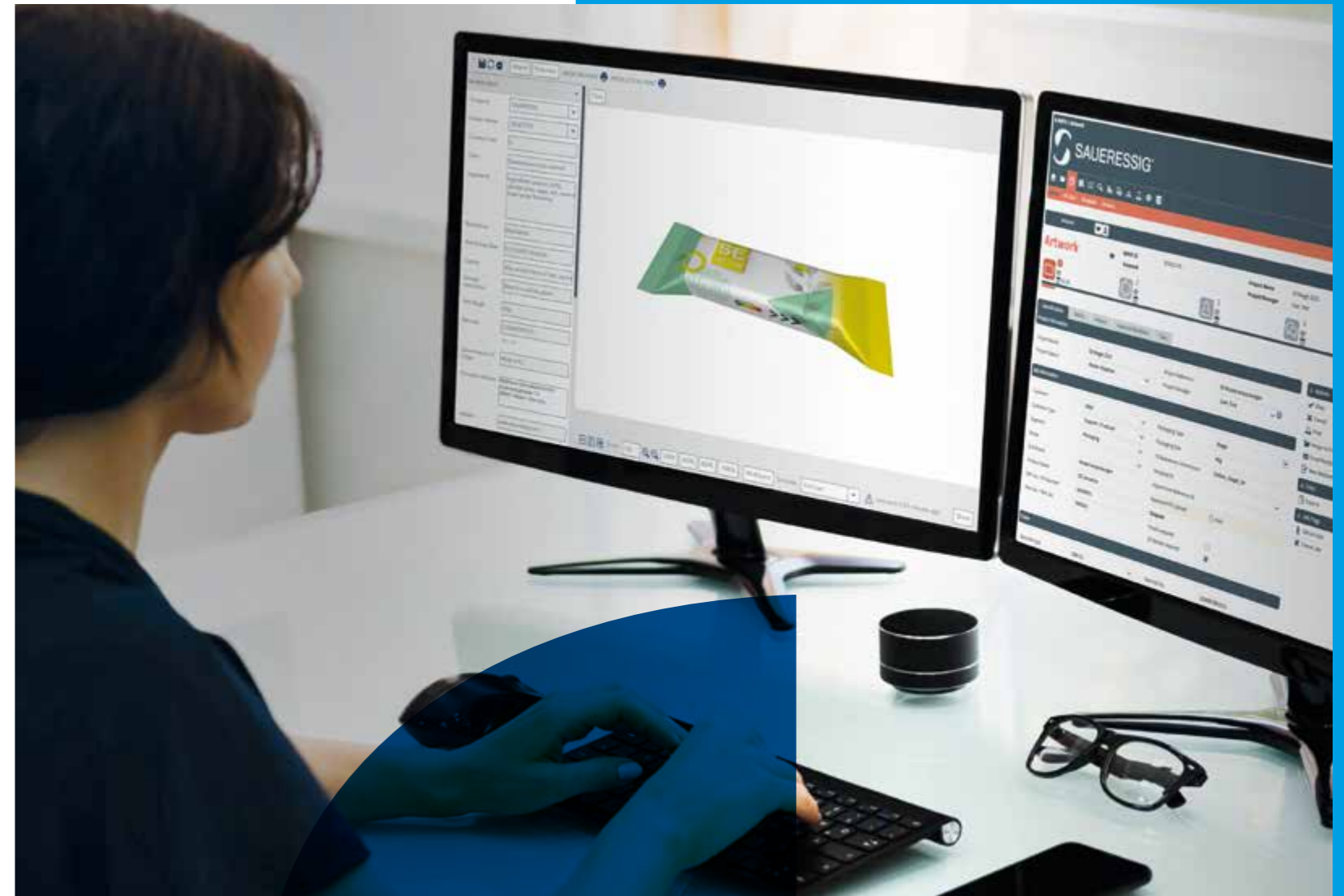
# We are already thinking about **the necessities** for tomorrow

We rely on recyclable materials with considerably higher durability compared to conventional polymer plates, short production paths and a completely solvent-free imaging process. Our elastomer sleeves and plates can be cleaned using water-based products, and thanks to the possibility of recoating existing sleeves, we significantly increase their service life – this way we work cost-efficiently and save valuable resources at the same time.

Compared to common elastomer materials, newly developed hydrophobic surfaces ensure an excellent density of color transfer and an even more brilliant print result. This innovation allows for the use of finer anilox rolls, resulting in significantly reduced ink consumption.



Reusable, resource-saving and sustainable – elastomer sleeves made by SAUERESSIG



We believe that digitization transforms technology into trend-setting solutions. With our innovative business unit SAUERESSIG e.GEN, we bundle intelligent systems and services under one common umbrella brand and re-define digital experiences.

Our flexible and intelligent software services – including the automatic creation of standardized artworks and digital color communication – are precisely tailored to your needs and processes in the printing industry.

# SAUERESSIG Elastomers – from creative **vision** to the finished **product**

We are your partner for efficient and innovative integrated solutions



## Individual Consulting

We provide customized technical advice and creative ideas for new designs. Therefore we offer you individual solutions – goal-oriented and competent.



## Design, Artwork & Reproduction

With experienced designers and reproduction experts we create distinctive packaging designs for you – always considering your brand guidelines and relevant technical details.



## Color Management

Through consistent color management, we ensure that CI colors are reproduced without deviation – completely independent of the material and printing process.



## Mock-up Creation

Our high-quality equipment enables cutting and punching of samples, the creation of true-to-scale mock-ups and digital 3D animations.



## Brand Protection

State-of-the-art laser technology can be used to create 3D and microstructures which can be integrated as visible and invisible safety elements in packaging printing.



## Printing and Embossing Forms

We produce printing and embossing forms in all dimensions, for all types of printing machines and formats. We can therefore meet the most versatile requirements in our diverse fields of competence, concerning substrate, coloring, and surface haptics.



# We trust in international group strength

As part of Matthews International Corporation, we belong to a strong global network. We guarantee excellent development, implementation and coordination of international projects. We are a reliable partner for your business operations across all borders.

## Did you know?

The Matthews International Corporation employs over 11,000 employees in more than 25 countries on six continents.

# We create space for **your ideas**

We are delighted to assist you.  
Fast, flexible, reliable.



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